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OM nucleic - nucleic search, using sw model

Run on: May 3, 2004, 10:25:24 ; Search time 31 Seconds  
(without alignments)  
3.348 Million cell updates/sec

Title: us-10-017-621-3  
Perfect score: 1745  
Sequence: 1 tgaagcaggttaagatg.....gttcactgcacactgtcc 1745

Scoring table: IDENTITY\_NUC  
Gapop 10.0, Gapext 0.5

Searched: 1592 seqs, 29741 residues

Total number of hits satisfying chosen parameters: 3184

Minimum DB seq length: 8  
Maximum DB seq length: 50

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 1615 summaries

Database : rni.seq\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	18.6	1.1	25	1	US-09-866-108A-15295
2	17.6	1.0	25	1	US-08-678-039A-3
3	17.6	1.0	25	1	US-09-866-108A-15294
4	17.6	1.0	25	1	US-08-866-108A-15296
5	17.6	1.0	26	1	US-08-859-998-960
6	17.6	1.0	26	1	US-09-225-928-960
7	17.6	1.0	26	1	US-09-225-201B-960
8	17	1.0	20	1	US-08-910-629A-31
9	17	1.0	20	1	US-08-910-629A-42
10	17	1.0	20	1	US-09-209-668-7
11	17	1.0	20	1	US-09-287-796-51
12	17	1.0	20	1	US-09-287-796-42
13	17	1.0	20	1	US-09-130-616-31
14	17	1.0	20	1	US-09-130-616-42
15	17	1.0	25	1	US-09-300-958A-73
16	16.8	1.0	21	1	US-08-538-666-11
17	16.8	1.0	21	1	US-08-538-666-17
18	16.8	1.0	21	1	US-08-785-247-21
19	16.6	1.0	24	1	US-09-347-114A-109
20	16.6	1.0	25	1	US-09-827-998-1391
21	16.6	1.0	25	1	US-09-827-998-1392
22	16.6	1.0	25	1	US-09-827-998-1393
23	16.6	1.0	25	1	US-09-866-108A-15293
24	16.6	1.0	25	1	US-09-866-108A-15297
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26	16.4	0.9	21	1	US-08-863-639A-48
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28	16.2	0.9	21	1	US-09-726-774-65
29	16.2	0.9	23	1	US-08-401-512-38
30	16	0.9	20	1	US-08-746-559A-7
31	15.8	0.9	20	1	US-09-490-632-35
32	15.6	0.9	22	1	US-09-322-352A-5
33	15.6	0.9	22	1	5164305-2
					Patent No. 516430

1	US-08-244-269-35	Sequence 35, Appl
23	US-08-244-269-36	Sequence 36, Appl
23	US-08-468-551-9	Sequence 9, Appl
24	US-08-160-670A-49	Sequence 49, Appl
17	US-09-827-998-544	Sequence 544, Appl
19	US-08-776-900C-24	Sequence 24, Appl
19	US-09-268-195C-24	Sequence 24, Appl
21	US-08-846-020A-24	Sequence 24, Appl
21	US-09-617-871-24	Sequence 24, Appl
21	US-09-065-040-6	Sequence 6, Appl
23	US-09-198-243-2	Sequence 2, Appl
20	US-08-009-263C-34	Sequence 34, Appl
20	US-09-357-072-81	Sequence 81, Appl
20	US-08-205-428-3	Sequence 3, Appl
20	US-09-286-904-29	Sequence 29, Appl
20	US-08-838-715B-34	Sequence 34, Appl
20	US-08-838-715B-89	Sequence 89, Appl
20	US-09-359-756-8	Sequence 8, Appl
20	US-08-679-645-1259	Sequence 1259, Ap
20	US-09-580-189-14	Sequence 14, Appl
20	US-09-702-327-54	Sequence 54, Appl
20	US-09-792-594-83	Sequence 83, Appl
20	US-09-676-610B-172	Sequence 172, App
20	US-09-640-101-29	Sequence 29, Appl
20	US-09-860-473-163	Sequence 163, App
21	US-08-009-263C-22	Sequence 22, Appl
21	US-08-009-263C-88	Sequence 88, Appl
21	US-08-468-447-7	Sequence 7, Appl
21	US-08-469-851A-7	Sequence 7, Appl
21	US-07-327-506-22	Sequence 22, Appl
21	US-08-233-711-1	Sequence 1, Appl
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21	US-08-113-993A-1	Sequence 1, Appl
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21	US-08-471-966A-7	Sequence 7, Appl
21	US-08-784-498-1	Sequence 1, Appl
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21	US-08-249-386A-24	Sequence 24, Appl
21	US-08-451-778A-10	Sequence 10, Appl
21	US-08-468-037A-18	Sequence 18, Appl
21	US-08-471-973A-19	Sequence 19, Appl
21	US-08-998-208-10	Sequence 10, Appl
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21	US-08-950-779-7	Sequence 7, Appl
21	US-08-950-779-22	Sequence 22, Appl
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21	US-09-177-953-34	Sequence 34, Appl
21	US-09-177-953-41	Sequence 41, Appl
21	US-09-111-678-3	Sequence 3, Appl
21	US-08-829-637A-128	Sequence 128, App
21	US-09-287-175-3	Sequence 3, Appl
21	US-09-287-175-6	Sequence 6, Appl
21	US-09-135-202-18	Sequence 18, Appl
21	US-09-135-202-19	Sequence 19, Appl
21	US-09-349-659-3	Sequence 3, Appl
21	US-08-802-331-23	Sequence 23, Appl
21	US-08-802-331-24	Sequence 24, Appl

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C 114	15.2	0.9	21	1	US-10-318-628-34	Sequence 34, Appl	C 187	14.4	0.8	18	1	US-09-422-978-5066	Sequence 5066, Appl
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C 120	15.2	0.9	21	1	PCT-US95-06160-24	Sequence 24, Appl	C 193	14.4	0.8	19	1	US-09-617-871-36	Sequence 36, Appl
C 121	15.2	0.9	21	1	PCT-US96-08743-10	Sequence 10, Appl	C 194	14.4	0.8	20	1	US-10-318-628-9	Sequence 9, Appl
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C 124	15.2	0.9	22	1	US-09-755-665-68	Sequence 68, Appl	C 197	14.4	0.8	20	1	US-08-379-295-6	Sequence 6, Appl
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C 132	15	0.9	18	1	US-08-256-496-10	Sequence 10, Appl	C 205	14.4	0.8	20	1	US-09-033-936-8	Sequence 8, Appl
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C 138	15	0.9	23	1	US-08-244-116B-39	Sequence 39, Appl	C 211	14.2	0.8	19	1	US-08-009-263C-35	Sequence 35, Appl
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C 141	15	0.9	23	1	US-08-668-329A-21	Sequence 21, Appl	C 214	14.2	0.8	19	1	US-08-838-715B-28	Sequence 28, Appl
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C 149	14.8	0.8	20	1	US-08-643-212-35	Sequence 35, Appl	C 222	14.2	0.8	20	1	US-08-222-177B-339	Sequence 339, Appl
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C 159	14.6	0.8	21	1	US-08-471-971-29	Sequence 29, Appl	C 232	14.2	0.8	20	1	US-08-429-520-2	Sequence 2, Appl
C 160	14.6	0.8	21	1	US-08-679-493A-134	Sequence 134, Appl	C 233	14.2	0.8	20	1	US-08-429-520-2	Sequence 2, Appl
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C 162	14.6	0.8	21	1	US-08-679-493A-137	Sequence 137, Appl	C 235	14.2	0.8	20	1	US-08-742-023-11	Sequence 11, Appl
C 163	14.6	0.8	21	1	US-08-679-493A-138	Sequence 138, Appl	C 236	14.2	0.8	20	1	US-08-742-023-11	Sequence 11, Appl
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C 165	14.6	0.8	21	1	US-09-844-634-4	Sequence 4, Appl	C 238	14.2	0.8	20	1	US-08-887-480-40	Sequence 40, Appl
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C 175	14.4	0.8	17	1	US-08-140-721A-5	Sequence 5, Appl	C 248	14.2	0.8	20	1	US-08-722-187-40	Sequence 40, Appl
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C 177	14.4	0.8	17	1	US-08-619-790C-5	Sequence 5, Appl	C 250	14.2	0.8	20	1	US-08-837-201C-99	Sequence 99, Appl
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C 179	14.4	0.8	17	1	US-09-436-605-8	Sequence 8, Appl	C 252	14.2	0.8	20	1	US-08-822-028-44	Sequence 44, Appl





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414	13.8	0.8	20	1	US-08-474-542A-142	Sequence 142, App	C 487	13.6	0.8	20	1	US-08-430-286A-4	Sequence 4, Appl
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417	13.8	0.8	20	1	US-08-461-593B-9	Sequence 9, Appl	C 490	13.6	0.8	20	1	US-08-943-731-542	Sequence 542, App
418	13.8	0.8	20	1	US-08-651-323A-9	Sequence 9, Appl	C 491	13.6	0.8	20	1	US-09-489-868A-48	Sequence 48, Appl
419	13.8	0.8	20	1	US-08-875-573-10	Sequence 10, Appl	C 492	13.6	0.8	20	1	US-09-593-711A-74	Sequence 74, Appl
420	13.8	0.8	20	1	US-08-687-421-390	Sequence 390, App	C 493	13.6	0.8	20	1	US-09-109-663-36	Sequence 36, Appl
421	13.8	0.8	20	1	US-09-046-894-15	Sequence 15, Appl	C 494	13.6	0.8	20	1	US-09-009-490A-15	Sequence 15, Appl
422	13.8	0.8	20	1	US-08-679-493A-128	Sequence 128, App	C 495	13.6	0.8	20	1	US-09-364-416-20	Sequence 20, Appl
423	13.8	0.8	20	1	US-09-479-128-3	Sequence 3, Appl	C 496	13.6	0.8	20	1	US-09-488-856A-15	Sequence 15, Appl
424	13.8	0.8	20	1	US-09-616-761-1	Sequence 1, Appl	C 497	13.6	0.8	20	1	US-08-895-981-21	Sequence 21, Appl
425	13.8	0.8	20	1	US-09-422-978-10380	Sequence 10380, A	C 498	13.6	0.8	20	1	US-09-657-042A-12	Sequence 12, Appl
426	13.8	0.8	20	1	US-08-422-978-11492	Sequence 11492, A	C 499	13.6	0.8	20	1	US-09-082-649B-57	Sequence 57, Appl
427	13.8	0.8	20	1	US-08-823-634A-1	Sequence 1, Appl	C 500	13.6	0.8	20	1	US-09-268-992-28	Sequence 28, Appl
428	13.8	0.8	20	1	US-08-823-647B-1	Sequence 1, Appl	C 501	13.6	0.8	20	1	US-09-161-241-22	Sequence 22, Appl
429	13.8	0.8	20	1	US-09-526-193A-171	Sequence 171, App	C 502	13.6	0.8	20	1	US-08-337-120A-29	Sequence 29, Appl
430	13.8	0.8	20	1	US-09-743-871B-21	Sequence 21, App	C 503	13.6	0.8	20	1	US-08-339-214-67	Sequence 67, Appl
431	13.8	0.8	20	1	US-09-743-871B-25	Sequence 25, App	C 504	13.6	0.8	20	1	US-08-339-214-68	Sequence 68, Appl
432	13.6	0.8	20	1	US-07-972-791-24	Sequence 24, App	C 505	13.6	0.8	20	1	US-09-210-288-24	Sequence 24, Appl
433	13.6	0.8	20	1	US-07-626-618A-10	Sequence 10, App	C 506	13.6	0.8	20	1	US-09-657-474-28	Sequence 28, Appl
434	13.6	0.8	20	1	US-08-063-167A-15	Sequence 15, Appl	C 507	13.6	0.8	20	1	US-09-506-073-11	Sequence 11, Appl
435	13.6	0.8	20	1	US-08-250-856A-11	Sequence 11, Appl	C 508	13.6	0.8	20	1	US-08-961-578C-2	Sequence 2, Appl
436	13.6	0.8	20	1	US-08-007-997A-15	Sequence 15, Appl	C 509	13.6	0.8	20	1	US-09-853-768-73	Sequence 73, Appl
437	13.6	0.8	20	1	US-08-333-977-10	Sequence 10, App	C 510	13.6	0.8	20	1	US-09-853-768-75	Sequence 75, Appl
438	13.6	0.8	20	1	US-08-474-177-29	Sequence 29, App	C 511	13.6	0.8	20	1	US-09-640-101-75	Sequence 75, Appl
439	13.6	0.8	20	1	US-08-487-141B-83	Sequence 83, Appl	C 512	13.6	0.8	20	1	US-09-791-211-78	Sequence 78, Appl
440	13.6	0.8	20	1	US-08-482-305-21	Sequence 21, App	C 513	13.6	0.8	20	1	US-09-851-062-47	Sequence 47, Appl
441	13.6	0.8	20	1	US-08-487-033-39	Sequence 39, App	C 514	13.6	0.8	20	1	US-09-517-467B-125	Sequence 125, App
442	13.6	0.8	20	1	US-08-480-810-39	Sequence 39, App	C 515	13.6	0.8	20	1	US-09-517-467B-280	Sequence 280, App
443	13.6	0.8	20	1	US-08-578-590-14	Sequence 14, App	C 516	13.6	0.8	20	1	US-09-780-049-29	Sequence 29, Appl
444	13.6	0.8	20	1	US-08-440-740A-15	Sequence 15, App	C 517	13.6	0.8	20	1	US-09-288-679-4	Sequence 4, Appl
445	13.6	0.8	20	1	US-08-508-735-29	Sequence 29, App	C 518	13.6	0.8	20	1	US-09-844-525A-23	Sequence 23, Appl
446	13.6	0.8	20	1	US-08-568-459A-24	Sequence 24, App	C 519	13.6	0.8	20	1	US-09-643-233-20	Sequence 20, Appl
447	13.6	0.8	20	1	US-08-117-952-74	Sequence 74, App	C 520	13.6	0.8	20	1	US-08-988-361-103	Sequence 103, App
448	13.6	0.8	20	1	US-08-808-474A-12	Sequence 12, App	C 521	13.6	0.8	20	1	US-09-668-313A-93	Sequence 93, Appl
449	13.6	0.8	20	1	US-08-808-474A-15	Sequence 15, App	C 522	13.6	0.8	20	1	US-09-422-978-11617	Sequence 11617, A
450	13.6	0.8	20	1	US-08-613-417A-21	Sequence 21, App	C 523	13.6	0.8	20	1	US-09-198-452A-2072	Sequence 2072, App
451	13.6	0.8	20	1	US-08-927-561-53	Sequence 53, App	C 524	13.6	0.8	20	1	US-09-198-452A-3394	Sequence 3394, App
452	13.6	0.8	20	1	US-08-875-154-22	Sequence 22, App	C 525	13.6	0.8	20	1	US-09-198-452A-3649	Sequence 3649, App
453	13.6	0.8	20	1	US-08-344-155C-15	Sequence 15, App	C 526	13.6	0.8	20	1	US-09-198-452A-4585	Sequence 4585, App
454	13.6	0.8	20	1	US-08-756-806A-11	Sequence 11, App	C 527	13.6	0.8	20	1	US-09-198-452A-5261	Sequence 5261, App
455	13.6	0.8	20	1	US-08-837-201C-20	Sequence 20, App	C 528	13.6	0.8	20	1	US-09-198-452A-5947	Sequence 5947, App
456	13.6	0.8	20	1	US-08-848-251-29	Sequence 29, App	C 529	13.6	0.8	20	1	US-09-198-452A-6067	Sequence 6067, App
457	13.6	0.8	20	1	US-08-487-826B-36	Sequence 36, App	C 530	13.6	0.8	20	1	US-09-670-216-1	Sequence 1, Appl
458	13.6	0.8	20	1	US-08-486-047-29	Sequence 29, App	C 531	13.6	0.8	20	1	US-09-670-216-2	Sequence 2, Appl
459	13.6	0.8	20	1	US-08-594-452-21	Sequence 21, App	C 532	13.6	0.8	20	1	US-09-692-820A-4	Sequence 4, Appl
460	13.6	0.8	20	1	US-08-982-845B-15	Sequence 15, App	C 533	13.6	0.8	20	1	US-09-665-615B-39	Sequence 39, Appl
461	13.6	0.8	20	1	US-08-578-686C-20	Sequence 20, App	C 534	13.6	0.8	20	1	US-08-978-774-24	Sequence 24, Appl
462	13.6	0.8	20	1	US-09-120-130-29	Sequence 29, App	C 535	13.6	0.8	20	1	US-09-870-956-33	Sequence 33, Appl
463	13.6	0.8	20	1	US-08-951-923-33	Sequence 33, App	C 536	13.6	0.8	20	1	PCT-US93-08101-15	Sequence 15, Appl
464	13.6	0.8	20	1	US-09-115-252-29	Sequence 29, App	C 537	13.6	0.8	20	1	PCT-US95-0711A-11	Sequence 11, Appl
465	13.6	0.8	20	1	US-09-094-405-35	Sequence 35, App	C 538	13.6	0.8	20	1	PCT-US96-09388-83	Sequence 83, Appl
466	13.6	0.8	20	1	US-08-986-515-29	Sequence 29, App	C 539	13.4	0.8	15	1	US-08-291-932A-320	Sequence 320, App
467	13.6	0.8	20	1	US-09-143-214-11	Sequence 11, App	C 540	13.4	0.8	15	1	US-09-081-646-233	Sequence 233, App
468	13.6	0.8	20	1	US-08-991-525B-15	Sequence 15, App	C 541	13.4	0.8	15	1	US-08-584-040-8419	Sequence 8419, App
469	13.6	0.8	20	1	US-09-085-759-15	Sequence 15, App	C 542	13.4	0.8	15	1	US-09-371-772B-4075	Sequence 4075, App
470	13.6	0.8	20	1	US-09-358-685-31	Sequence 31, App	C 543	13.4	0.8	15	1	US-09-472-795B-1	Sequence 1, Appl
471	13.6	0.8	20	1	US-09-258-408-21	Sequence 21, App	C 544	13.4	0.8	16	1	US-09-371-772B-6994	Sequence 6994, App

c 545	13.4	0.8	17	1	US-08-009-263C-33	Sequence 33, Appl	c 618	13.2	0.8	18	1	US-08-838-715B-36	Sequence 36, Appl
546	13.4	0.8	17	1	US-08-985-162-30	Sequence 301, Appl	619	13.2	0.8	18	1	US-08-891-292A-78	Sequence 78, Appl
c 547	13.4	0.8	17	1	US-08-838-715B-33	Sequence 33, Appl	c 620	13.2	0.8	18	1	US-08-584-040-3042	Sequence 3042, Ap
c 548	13.4	0.8	17	1	US-08-924-183-6	Sequence 6, Appl	621	13.2	0.8	18	1	US-09-167-109-109	Sequence 109, Appl
c 549	13.4	0.8	17	1	US-08-488-364-6	Sequence 6, Appl	622	13.2	0.8	18	1	US-09-270-956-30	Sequence 30, Appl
c 550	13.4	0.8	17	1	US-08-584-040-1929	Sequence 1923, Ap	c 623	13.2	0.8	18	1	US-09-250-609-56	Sequence 56, Appl
c 551	13.4	0.8	17	1	US-08-584-040-4221	Sequence 4223, Ap	c 624	13.2	0.8	18	1	US-09-920-760-43	Sequence 43, Appl
c 552	13.4	0.8	17	1	US-09-474-432B-438	Sequence 4221, Ap	c 625	13.2	0.8	18	1	US-09-642-952-16	Sequence 16, Appl
c 553	13.4	0.8	17	1	US-09-474-432B-504	Sequence 438, App	c 626	13.2	0.8	18	1	US-09-250-611-56	Sequence 56, Appl
c 554	13.4	0.8	17	1	US-09-371-772B-474	Sequence 504, App	c 627	13.2	0.8	18	1	US-09-422-978-7245	Sequence 7245, Ap
c 555	13.4	0.8	17	1	US-09-371-772B-1988	Sequence 1988, Ap	c 628	13.2	0.8	18	1	US-09-422-978-11482	Sequence 11482, A
c 556	13.4	0.8	17	1	US-09-371-772B-4764	Sequence 4764, Ap	c 629	13.2	0.8	18	1	US-09-371-772B-1470	Sequence 1470, Ap
c 557	13.4	0.8	17	1	US-09-476-387-437	Sequence 437, App	c 630	13.2	0.8	18	1	US-09-927-737C-78	Sequence 78, Appl
c 558	13.4	0.8	17	1	US-09-476-387-503	Sequence 503, App	c 631	13.2	0.8	18	1	US-09-494-190-112	Sequence 112, App
c 559	13.4	0.8	17	1	US-09-401-063-301	Sequence 301, App	c 632	13.2	0.8	18	1	US-09-494-190-121	Sequence 121, App
c 560	13.4	0.8	17	1	US-09-827-998-546	Sequence 546, App	c 633	13.2	0.8	18	1	US-09-663-834A-34	Sequence 34, Appl
c 561	13.4	0.8	17	1	US-09-866-108A-66	Sequence 66, Appl	c 634	13.2	0.8	18	1	US-09-456-222B-16	Sequence 16, Appl
c 562	13.4	0.8	17	1	US-09-866-108A-67	Sequence 67, Appl	c 635	13.2	0.8	18	1	US-09-374-958C-78	Sequence 78, Appl
c 563	13.4	0.8	17	1	US-09-866-108A-68	Sequence 68, Appl	c 636	13.2	0.8	18	1	US-09-374-958C-78	Sequence 78, Appl
c 564	13.4	0.8	17	1	US-09-866-108A-8896	Sequence 8896, Ap	c 637	13.2	0.8	18	1	PCT-US92-0285A-15	Sequence 15, Appl
c 565	13.4	0.8	17	1	US-09-866-108A-8897	Sequence 8897, Ap	c 638	13.2	0.8	18	1	US-08-473-096-18	Sequence 18, Appl
c 566	13.4	0.8	17	1	US-08-866-108A-8898	Sequence 8898, Ap	c 639	13.2	0.8	19	1	US-08-373-680-7	Sequence 7, Appl
c 567	13.4	0.8	18	1	US-08-363-240A-1197	Sequence 1197, Ap	c 640	13.2	0.8	19	1	US-08-117-952-64	Sequence 64, Appl
c 568	13.4	0.8	18	1	US-09-205-860-77	Sequence 77, Appl	641	13.2	0.8	19	1	US-08-899-811-11	Sequence 11, Appl
c 569	13.4	0.8	18	1	US-09-163-485-21	Sequence 21, Appl	642	13.2	0.8	19	1	US-08-899-811-13	Sequence 13, Appl
c 570	13.4	0.8	18	1	US-09-134-842A-11	Sequence 11, Appl	643	13.2	0.8	19	1	US-08-473-020A-17	Sequence 17, Appl
c 571	13.4	0.8	18	1	US-09-555-313B-18	Sequence 18, Appl	c 644	13.2	0.8	19	1	US-08-810-599-53	Sequence 53, Appl
c 572	13.4	0.8	18	1	US-09-422-978-8777	Sequence 8777, Ap	c 645	13.2	0.8	19	1	US-08-967-454-7	Sequence 7, Appl
c 573	13.4	0.8	19	1	US-07-695-564-13	Sequence 13, Appl	c 646	13.2	0.8	19	1	US-09-192-104-6	Sequence 6, Appl
c 574	13.4	0.8	19	1	US-08-241-387-13	Sequence 13, Appl	c 647	13.2	0.8	19	1	US-09-336-447A-21	Sequence 21, Appl
c 575	13.4	0.8	19	1	US-09-297-911-24	Sequence 24, Appl	648	13.2	0.8	19	1	US-09-302-681-49	Sequence 49, Appl
c 576	13.4	0.8	20	1	US-07-841-652-17	Sequence 17, Appl	c 649	13.2	0.8	20	1	US-09-302-681-50	Sequence 50, Appl
c 577	13.4	0.8	20	1	US-08-246-982A-25	Sequence 25, Appl	c 650	13.2	0.8	19	1	US-09-422-978-9032	Sequence 9032, Ap
c 578	13.4	0.8	20	1	US-08-433-265-25	Sequence 25, Appl	c 651	13.2	0.8	19	1	US-09-422-978-11036	Sequence 11036, A
c 579	13.4	0.8	20	1	US-08-535-678-49	Sequence 49, Appl	652	13.2	0.8	19	1	US-09-957-189-6	Sequence 6, Appl
c 580	13.4	0.8	20	1	US-08-531-556-60	Sequence 60, Appl	c 653	13.2	0.8	19	1	US-07-696-793A-36	Sequence 36, Appl
c 581	13.4	0.8	20	1	US-08-531-556-85	Sequence 85, Appl	c 654	13.2	0.8	20	1	US-07-977-694-36	Sequence 36, Appl
c 582	13.4	0.8	20	1	US-08-472-416-60	Sequence 60, Appl	655	13.2	0.8	20	1	US-07-940-242A-41	Sequence 41, Appl
c 583	13.4	0.8	20	1	US-08-472-416-85	Sequence 85, Appl	c 656	13.2	0.8	20	1	US-08-250-849-13	Sequence 13, Appl
c 584	13.4	0.8	20	1	US-08-753-979A-16	Sequence 16, Appl	c 657	13.2	0.8	20	1	US-08-989-996-44	Sequence 44, Appl
c 585	13.4	0.8	20	1	US-08-753-979A-37	Sequence 37, Appl	658	13.2	0.8	20	1	US-08-434-474-13	Sequence 13, Appl
c 586	13.4	0.8	20	1	US-09-286-304-65	Sequence 65, Appl	659	13.2	0.8	20	1	US-08-466-886-10	Sequence 10, Appl
c 587	13.4	0.8	20	1	US-09-428-696-48	Sequence 48, Appl	660	13.2	0.8	20	1	US-08-466-886-12	Sequence 12, Appl
c 588	13.4	0.8	20	1	US-09-428-696-78	Sequence 78, Appl	c 661	13.2	0.8	20	1	US-08-374-155A-18	Sequence 18, Appl
c 589	13.4	0.8	20	1	US-09-517-584A-65	Sequence 65, Appl	c 662	13.2	0.8	20	1	US-08-910-973-23	Sequence 23, Appl
c 590	13.4	0.8	20	1	US-09-050-159-36	Sequence 36, Appl	c 663	13.2	0.8	20	1	US-08-800-036-7	Sequence 7, Appl
c 591	13.4	0.8	20	1	US-09-311-260-83	Sequence 83, Appl	664	13.2	0.8	20	1	US-08-117-952-120	Sequence 120, App
c 592	13.4	0.8	20	1	US-09-457-474-1	Sequence 1, Appl	665	13.2	0.8	20	1	US-08-478-178A-44	Sequence 44, Appl
c 593	13.4	0.8	20	1	US-09-682-249A-12	Sequence 12, Appl	c 672	13.2	0.8	20	1	US-08-344-155C-88	Sequence 88, Appl
c 594	13.4	0.8	20	1	US-09-682-249A-13	Sequence 13, Appl	673	13.2	0.8	20	1	US-08-488-177-44	Sequence 44, Appl
c 595	13.4	0.8	20	1	US-09-277-078-40	Sequence 40, Appl	c 674	13.2	0.8	20	1	US-08-588-521-6	Sequence 6, Appl
c 596	13.4	0.8	20	1	US-09-270-542-157	Sequence 157, App	c 675	13.2	0.8	20	1	US-08-481-072A-44	Sequence 44, Appl
c 597	13.4	0.8	20	1	US-07-711-303-6	Sequence 6, Appl	676	13.2	0.8	20	1	US-08-664-336-44	Sequence 44, Appl
c 598	13.4	0.8	20	1	US-07-711-303-8	Sequence 8, Appl	677	13.2	0.8	20	1	US-08-854-727-14	Sequence 14, Appl
c 599	13.4	0.8	20	1	US-08-702-251-26	Sequence 26, Appl	678	13.2	0.8	20	1	US-08-854-727-34	Sequence 34, Appl
c 600	13.4	0.8	20	1	US-09-851-520-44	Sequence 44, Appl	c 680	13.2	0.8	20	1	US-08-663-230-11	Sequence 11, Appl
c 601	13.4	0.8	20	1	US-09-640-101-65	Sequence 65, Appl	681	13.2	0.8	20	1	US-08-481-066A-44	Sequence 44, Appl
c 602	13.4	0.8	20	1	US-09-659-845A-106	Sequence 106, App	c 677	13.2	0.8	20	1	US-08-926-492-7	Sequence 7, Appl
c 603	13.4	0.8	20	1	US-09-432-978-7238	Sequence 7238, Ap	678	13.2	0.8	20	1	US-08-785-396-18	Sequence 18, Appl
c 604	13.4	0.8	20	1	US-09-198-452A-2555	Sequence 2555, Ap	679	13.2	0.8	20	1	US-08-940-250-26	Sequence 26, Appl
c 605	13.4	0.8	20	1	US-09-198-452A-2555	Sequence 2555, Ap	c 685	13.2	0.8	20	1	US-08-578-615A-44	Sequence 44, Appl
c 606	13.4	0.8	20	1	US-09-198-452A-5490	Sequence 5490, Ap	686	13.2	0.8	20	1	US-09-357-073-47	Sequence 47, Appl
c 607	13.4	0.8	20	1	US-09-679-239A-53	Sequence 53, Appl	c 687	13.2	0.8	20	1	US-09-357-071-18	Sequence 18, Appl
c 608	13.2	0.8	18	1	US-08-009-263C-36	Sequence 36, Appl	688	13.2	0.8	20	1	US-09-048-505-7	Sequence 7, Appl
c 609	13.2	0.8	18	1	US-08-050-073-174	Sequence 174, App	689	13.2	0.8	20	1	US-08-746-111-51	Sequence 51, Appl
c 610	13.2	0.8	18	1	US-08-432-871C-30	Sequence 30, Appl	690	13.2	0.8	20	1		
c 611	13.2	0.8	18	1	US-09-156-425-22	Sequence 22, Appl							
c 612	13.2	0.8	18	1	US-08-461-286-15	Sequence 15, Appl							
c 613	13.2	0.8	18	1	US-09-106-038A-70	Sequence 70, Appl							
c 614	13.2	0.8	18	1	US-09-205-921-31	Sequence 31, Appl							
c 615	13.2	0.8	18	1	US-09-339-993-30	Sequence 30, Appl							
c 616	13.2	0.8	18	1	US-08-908-643C-70	Sequence 70, Appl							
c 617	13.2	0.8	18	1	US-09-173-941-112	Sequence 112, App							



C 837	12.8	0.7	17	1	US-08-838-715B-29	Sequence 29, Appl	C 910	12.8	0.7	18	1	US-08-363-585-75	Sequence 75, Appl
C 838	12.8	0.7	17	1	US-08-584-040-1831	Sequence 1831, Ap	C 911	12.8	0.7	18	1	US-08-363-585-99	Sequence 99, Appl
C 839	12.8	0.7	17	1	US-08-584-040-1986	Sequence 1986, Ap	C 912	12.8	0.7	18	1	US-08-358-995-18	Sequence 18, Appl
C 840	12.8	0.7	17	1	US-08-584-040-4361	Sequence 4361, Ap	C 913	12.8	0.7	18	1	US-08-309-512-50	Sequence 50, Appl
C 841	12.8	0.7	17	1	US-08-584-040-7577	Sequence 7577, Ap	C 914	12.8	0.7	18	1	US-08-132-168A-10	Sequence 10, Appl
C 842	12.8	0.7	17	1	US-08-584-040-7578	Sequence 7578, Ap	C 915	12.8	0.7	18	1	US-08-739-401A-1	Sequence 1, Appl
C 843	12.8	0.7	17	1	US-08-584-040-7626	Sequence 7626, Ap	C 916	12.8	0.7	18	1	US-09-205-922-60	Sequence 60, Appl
C 844	12.8	0.7	17	1	US-09-160-496-5	Sequence 5, Appl	C 917	12.8	0.7	18	1	US-09-205-922-60	Sequence 15, Appl
C 845	12.8	0.7	17	1	US-08-679-645-226	Sequence 226, App	C 918	12.8	0.7	18	1	US-09-161-015-32	Sequence 32, Appl
C 846	12.8	0.7	17	1	US-09-125-619-8	Sequence 8, Appl	C 919	12.8	0.7	18	1	US-09-197-008-13	Sequence 13, Appl
C 847	12.8	0.7	17	1	US-09-474-432B-477	Sequence 477, App	C 920	12.8	0.7	18	1	US-09-205-860-10	Sequence 10, Appl
C 848	12.8	0.7	17	1	US-09-474-432B-691	Sequence 691, App	C 921	12.8	0.7	18	1	US-08-743-637B-136	Sequence 136, App
C 849	12.8	0.7	17	1	US-09-371-772B-376	Sequence 376, App	C 922	12.8	0.7	18	1	US-08-857-946-14	Sequence 14, Appl
C 850	12.8	0.7	17	1	US-09-371-772B-541	Sequence 541, App	C 923	12.8	0.7	18	1	US-08-480-655-33	Sequence 33, Appl
C 851	12.8	0.7	17	1	US-09-371-772B-2128	Sequence 2128, Ap	C 924	12.8	0.7	18	1	US-08-526-840B-136	Sequence 136, App
C 852	12.8	0.7	17	1	US-09-371-772B-3373	Sequence 3373, Ap	C 925	12.8	0.7	18	1	US-09-156-253-18	Sequence 18, Appl
C 853	12.8	0.7	17	1	US-09-371-772B-3374	Sequence 3374, Ap	C 926	12.8	0.7	18	1	US-09-156-253-20	Sequence 20, Appl
C 854	12.8	0.7	17	1	US-09-371-772B-3418	Sequence 3418, Ap	C 927	12.8	0.7	18	1	US-09-205-921-8	Sequence 8, Appl
C 855	12.8	0.7	17	1	US-09-371-772B-4833	Sequence 4833, Ap	C 928	12.8	0.7	18	1	US-09-205-921-17	Sequence 17, Appl
C 856	12.8	0.7	17	1	US-09-371-772B-4834	Sequence 4834, Ap	C 929	12.8	0.7	18	1	US-08-370-740-14	Sequence 14, Appl
C 857	12.8	0.7	17	1	US-09-371-772B-5010	Sequence 5010, Ap	C 930	12.8	0.7	18	1	US-08-838-545-9	Sequence 9, Appl
C 858	12.8	0.7	17	1	US-09-371-772B-5011	Sequence 5011, Ap	C 931	12.8	0.7	18	1	US-08-658-136-10	Sequence 10, Appl
C 859	12.8	0.7	17	1	US-09-371-772B-5121	Sequence 5121, Ap	C 932	12.8	0.7	18	1	US-09-289-466-79	Sequence 79, Appl
C 860	12.8	0.7	17	1	US-09-371-772B-5122	Sequence 5122, Ap	C 933	12.8	0.7	18	1	US-08-643-212-37	Sequence 37, Appl
C 861	12.8	0.7	17	1	US-09-371-772B-6679	Sequence 6679, Ap	C 934	12.8	0.7	18	1	US-09-323-424-4	Sequence 4, Appl
C 862	12.8	0.7	17	1	US-09-371-772B-6680	Sequence 6680, Ap	C 935	12.8	0.7	18	1	US-09-455-683-33	Sequence 33, Appl
C 863	12.8	0.7	17	1	US-09-476-387-476	Sequence 476, App	C 936	12.8	0.7	18	1	US-09-449-533-9	Sequence 9, Appl
C 864	12.8	0.7	17	1	US-09-476-387-690	Sequence 690, App	C 937	12.8	0.7	18	1	US-09-496-694B-99	Sequence 99, Appl
C 865	12.8	0.7	17	1	US-09-401-063-637	Sequence 637, App	C 938	12.8	0.7	18	1	US-08-584-040-4500	Sequence 4500, Ap
C 866	12.8	0.7	17	1	US-09-827-998-124	Sequence 124, App	C 939	12.8	0.7	18	1	US-08-584-040-6250	Sequence 6250, Ap
C 867	12.8	0.7	17	1	US-09-827-998-125	Sequence 125, App	C 940	12.8	0.7	18	1	US-09-504-358-39	Sequence 39, Appl
C 868	12.8	0.7	17	1	US-09-827-998-126	Sequence 126, App	C 941	12.8	0.7	18	1	US-09-205-995-18	Sequence 18, Appl
C 869	12.8	0.7	17	1	US-08-827-998-127	Sequence 127, App	C 942	12.8	0.7	18	1	US-09-387-341-175	Sequence 175, App
C 870	12.8	0.7	17	1	US-08-827-998-574	Sequence 574, App	C 943	12.8	0.7	18	1	US-09-354-314-39	Sequence 39, Appl
C 871	12.8	0.7	17	1	US-09-827-998-577	Sequence 577, App	C 944	12.8	0.7	18	1	US-09-475-947A-20	Sequence 20, Appl
C 872	12.8	0.7	17	1	US-09-827-998-578	Sequence 578, App	C 945	12.8	0.7	18	1	US-09-336-946B-42	Sequence 42, Appl
C 873	12.8	0.7	17	1	US-09-866-108A-2	Sequence 2, Appl	C 946	12.8	0.7	18	1	US-09-422-978-5796	Sequence 5796, Ap
C 874	12.8	0.7	17	1	US-09-866-108A-660	Sequence 660, App	C 947	12.8	0.7	18	1	US-09-422-978-9033	Sequence 9033, Ap
C 875	12.8	0.7	17	1	US-09-866-108A-661	Sequence 661, App	C 948	12.8	0.7	18	1	US-09-371-772B-2213	Sequence 2213, Ap
C 876	12.8	0.7	17	1	US-09-866-108A-1525	Sequence 1525, Ap	C 949	12.8	0.7	18	1	US-09-371-772B-3009	Sequence 3009, Ap
C 877	12.8	0.7	17	1	US-09-866-108A-1527	Sequence 1527, Ap	C 950	12.8	0.7	18	1	US-09-585-174-25	Sequence 25, Appl
C 878	12.8	0.7	17	1	US-09-866-108A-6007	Sequence 6007, Ap	C 951	12.8	0.7	19	1	US-08-473-020A-17	Sequence 17, Appl
C 879	12.8	0.7	17	1	US-09-866-108A-6008	Sequence 6008, Ap	C 952	12.8	0.7	19	1	US-08-631-200-39	Sequence 39, Appl
C 880	12.8	0.7	17	1	US-09-866-108A-6009	Sequence 6009, Ap	C 953	12.8	0.7	19	1	US-08-748-591-21	Sequence 21, Appl
C 881	12.8	0.7	17	1	US-09-866-108A-6010	Sequence 6010, Ap	C 954	12.8	0.7	19	1	US-08-912-976-28	Sequence 28, Appl
C 882	12.8	0.7	17	1	US-09-866-108A-6258	Sequence 6258, Ap	C 955	12.8	0.7	19	1	US-08-829-553-39	Sequence 39, Appl
C 883	12.8	0.7	17	1	US-09-866-108A-6259	Sequence 6259, Ap	C 956	12.8	0.7	19	1	US-08-822-267A-39	Sequence 39, Appl
C 884	12.8	0.7	17	1	US-09-866-108A-6339	Sequence 6339, Ap	C 957	12.8	0.7	19	1	US-08-936-707A-39	Sequence 39, Appl
C 885	12.8	0.7	17	1	US-09-866-108A-6340	Sequence 6340, Ap	C 958	12.8	0.7	19	1	US-08-936-706A-39	Sequence 39, Appl
C 886	12.8	0.7	17	1	US-09-866-108A-6341	Sequence 6341, Ap	C 959	12.8	0.7	19	1	US-08-665-259-53	Sequence 53, Appl
C 887	12.8	0.7	17	1	US-09-866-108A-6342	Sequence 6342, Ap	C 960	12.8	0.7	19	1	US-08-762-500-53	Sequence 53, Appl
C 888	12.8	0.7	17	1	US-09-866-108A-6797	Sequence 6797, Ap	C 961	12.8	0.7	19	1	US-08-750-064-19	Sequence 19, Appl
C 889	12.8	0.7	17	1	US-09-866-108A-7036	Sequence 7036, Ap	C 962	12.8	0.7	19	1	US-09-248-203-39	Sequence 39, Appl
C 890	12.8	0.7	17	1	US-09-866-108A-7037	Sequence 7037, Ap	C 963	12.8	0.7	19	1	US-08-851-843A-95	Sequence 95, Appl
C 891	12.8	0.7	17	1	US-09-866-108A-7530	Sequence 7530, Ap	C 964	12.8	0.7	19	1	US-08-974-549A-387	Sequence 387, App
C 892	12.8	0.7	17	1	US-09-866-108A-7531	Sequence 7531, Ap	C 965	12.8	0.7	19	1	US-08-960-780-84	Sequence 84, Appl
C 893	12.8	0.7	17	1	US-09-866-108A-8044	Sequence 8044, Ap	C 966	12.8	0.7	19	1	US-08-960-780-122	Sequence 122, App
C 894	12.8	0.7	17	1	US-09-866-108A-8046	Sequence 8046, Ap	C 967	12.8	0.7	19	1	US-09-406-071-39	Sequence 39, Appl
C 895	12.8	0.7	17	1	US-09-866-108A-8303	Sequence 8303, Ap	C 968	12.8	0.7	19	1	US-09-102-491-9	Sequence 9, Appl
C 896	12.8	0.7	17	1	US-09-866-108A-8304	Sequence 8304, Ap	C 969	12.8	0.7	19	1	US-09-073-898-84	Sequence 84, Appl
C 897	12.8	0.7	17	1	US-09-866-108A-8938	Sequence 8938, Ap	C 970	12.8	0.7	19	1	US-09-073-898-122	Sequence 122, App
C 898	12.8	0.7	17	1	US-09-866-108A-8939	Sequence 8939, Ap	C 971	12.8	0.7	19	1	US-08-854-050-95	Sequence 95, Appl
C 899	12.8	0.7	17	1	US-09-866-108A-9023	Sequence 9023, Ap	C 972	12.8	0.7	19	1	US-09-338-907-533	Sequence 533, App
C 900	12.8	0.7	17	1	US-09-866-108A-9024	Sequence 9024, Ap	C 973	12.8	0.7	19	1	US-09-312-183A-11	Sequence 11, Appl
C 901	12.8	0.7	17	1	US-09-866-108A-10009	Sequence 10009, A	C 974	12.8	0.7	19	1	US-09-430-323-95	Sequence 95, Appl
C 902	12.8	0.7	17	1	US-09-866-108A-10011	Sequence 10011, A	C 975	12.8	0.7	19	1	US-09-218-207-533	Sequence 533, App
C 903	12.8	0.7	17	1	US-09-866-108A-10403	Sequence 10403, A	C 976	12.8	0.7	19	1	US-08-912-951-154	Sequence 154, App
C 904	12.8	0.7	17	1	US-09-866-108A-10404	Sequence 10404, A	C 977	12.8	0.7	19	1	US-09-422-978-4919	Sequence 4919, Ap
C 905	12.8	0.7	17	1	US-09-866-108A-10663	Sequence 10663, A	C 978	12.8	0.7	19	1	US-09-422-978-7743	Sequence 7743, Ap
C 906	12.8	0.7	17	1	US-09-866-108A-10665	Sequence 10665, A	C 979	12.8	0.7	19	1	US-09-814-986-39	Sequence 39, Appl
C 907	12.8	0.7	17	1	US-09-866-108A-10665	Sequence 10665, A	C 980	12.8	0.7	19	1	US-09-402-181B-387	Sequence 387, App
C 908	12.8	0.7	18	1	US-08-319-492B-727	Sequence 727, App	C 981	12.8	0.7	19	1	US-09-721-456-387	Sequence 387, App
C 909	12.8	0.7	18	1	US-08-233-009-41	Sequence 41, Appl	C 982	12.8	0.7	19	1	US-09-850-351A-84	Sequence 84, Appl

c 983	12.8	0.7	19	1	US-09-850-351A-122	Sequence 122, App	1056	12.4	0.7	17	1	US-08-196-218-27	Sequence 27, Appl
984	12.8	0.7	19	1	US-09-495-714C-47	Sequence 47, Appl	c1057	12.4	0.7	17	1	US-08-373-124A-944	Sequence 944, App
985	12.6	0.7	18	1	US-09-163-485-22	Sequence 22, Appl	1058	12.4	0.7	17	1	US-08-250-740-21	Sequence 21, Appl
c 986	12.6	0.7	19	1	US-07-922-723A-21	Sequence 21, Appl	1059	12.4	0.7	17	1	US-08-681-953-27	Sequence 27, Appl
c 987	12.6	0.7	19	1	US-07-799-828C-21	Sequence 21, Appl	1060	12.4	0.7	17	1	US-08-244-468-4	Sequence 4, Appl
c 988	12.6	0.7	19	1	US-08-474-542A-80	Sequence 80, Appl	1061	12.4	0.7	17	1	US-07-695-472B-27	Sequence 27, Appl
c 989	12.6	0.7	19	1	US-08-079-110A-6	Sequence 6, Appl	c1062	12.4	0.7	17	1	US-08-435-628-944	Sequence 944, App
c 990	12.6	0.7	19	1	US-08-222-177A-381	Sequence 381, App	1063	12.4	0.7	17	1	US-08-698-805-10	Sequence 10, Appl
c 991	12.6	0.7	19	1	US-08-379-078-706	Sequence 706, App	c1064	12.4	0.7	17	1	US-08-933-749-9	Sequence 9, Appl
c 992	12.6	0.7	19	1	US-08-457-648-80	Sequence 80, Appl	c1065	12.4	0.7	17	1	US-08-985-162-220	Sequence 220, App
c 993	12.6	0.7	19	1	US-08-156-630A-7	Sequence 7, Appl	c1066	12.4	0.7	17	1	US-08-985-162-221	Sequence 221, App
c 994	12.6	0.7	19	1	US-08-356-287-24	Sequence 24, Appl	1067	12.4	0.7	17	1	US-08-913-833-68	Sequence 68, Appl
c 995	12.6	0.7	19	1	US-08-271-880A-44	Sequence 44, Appl	c1068	12.4	0.7	17	1	US-08-913-833-68	Sequence 68, Appl
c 996	12.6	0.7	19	1	US-08-221-816B-17	Sequence 17, Appl	1069	12.4	0.7	17	1	US-08-998-099-43	Sequence 43, Appl
c 997	12.6	0.7	19	1	US-08-709-733-12	Sequence 12, Appl	c1070	12.4	0.7	17	1	US-08-998-099-43	Sequence 43, Appl
c 998	12.6	0.7	19	1	US-08-359-705B-22	Sequence 22, Appl	c1071	12.4	0.7	17	1	US-09-235-583-9	Sequence 9, Appl
c 999	12.6	0.7	19	1	US-08-450-905B-131	Sequence 131, App	1072	12.4	0.7	17	1	US-09-599-164-9	Sequence 9, Appl
c1000	12.6	0.7	19	1	US-07-952-277A-21	Sequence 21, Appl	c1073	12.4	0.7	17	1	US-09-580-794C-68	Sequence 68, Appl
c1001	12.6	0.7	19	1	US-08-286-846A-22	Sequence 22, Appl	1074	12.4	0.7	17	1	US-08-584-040-3878	Sequence 3878, App
1002	12.6	0.7	19	1	US-08-500-860A-10	Sequence 10, Appl	c1075	12.4	0.7	17	1	US-08-584-040-4220	Sequence 4220, App
c1003	12.6	0.7	19	1	US-08-855-449-18	Sequence 18, Appl	c1076	12.4	0.7	17	1	US-08-584-040-7628	Sequence 7628, App
c1004	12.6	0.7	19	1	US-08-457-880A-22	Sequence 22, Appl	c1077	12.4	0.7	17	1	US-08-579-645-856	Sequence 856, App
c1005	12.6	0.7	19	1	US-08-649-991-33	Sequence 33, Appl	1078	12.4	0.7	17	1	US-08-220-602B-13	Sequence 13, Appl
c1006	12.6	0.7	19	1	US-08-910-408-44	Sequence 44, Appl	1079	12.4	0.7	17	1	US-09-474-432B-623	Sequence 623, App
c1007	12.6	0.7	19	1	US-08-444-622A-22	Sequence 22, Appl	c1080	12.4	0.7	17	1	US-09-474-432B-758	Sequence 758, App
c1008	12.6	0.7	19	1	US-08-942-562-22	Sequence 22, Appl	c1081	12.4	0.7	17	1	US-09-474-432B-884	Sequence 884, App
1009	12.6	0.7	19	1	US-07-982-759P-131	Sequence 131, App	1082	12.4	0.7	17	1	US-09-106-375-27	Sequence 27, Appl
c1010	12.6	0.7	19	1	US-08-573-186-6	Sequence 6, Appl	c1083	12.4	0.7	17	1	US-09-371-772B-1645	Sequence 1645, App
c1011	12.6	0.7	19	1	US-09-156-923-22	Sequence 22, Appl	1084	12.4	0.7	17	1	US-09-371-772B-1987	Sequence 1987, App
c1012	12.6	0.7	19	1	US-09-249-215-44	Sequence 44, Appl	c1085	12.4	0.7	17	1	US-09-371-772B-3420	Sequence 3420, App
c1013	12.6	0.7	19	1	US-09-553-794-2	Sequence 2, Appl	1086	12.4	0.7	17	1	US-09-476-387-622	Sequence 622, App
c1014	12.6	0.7	19	1	US-09-375-434-14	Sequence 14, Appl	c1087	12.4	0.7	17	1	US-09-476-387-757	Sequence 757, App
c1015	12.6	0.7	19	1	US-07-974-409C-288	Sequence 288, App	c1088	12.4	0.7	17	1	US-09-476-387-883	Sequence 883, App
c1016	12.6	0.7	19	1	US-09-546-990-4	Sequence 4, Appl	c1089	12.4	0.7	17	1	US-09-401-063-220	Sequence 220, App
c1017	12.6	0.7	19	1	US-09-545-435-2	Sequence 2, Appl	c1090	12.4	0.7	17	1	US-09-401-063-221	Sequence 221, App
c1018	12.6	0.7	19	1	US-09-614-034-135	Sequence 135, App	1091	12.4	0.7	17	1	US-09-827-998-547	Sequence 547, App
c1019	12.6	0.7	19	1	US-09-649-747A-75	Sequence 75, Appl	c1092	12.4	0.7	17	1	US-09-866-108A-65	Sequence 65, Appl
1020	12.6	0.7	19	1	US-09-422-978-4414	Sequence 4414, App	c1093	12.4	0.7	17	1	US-09-866-108A-69	Sequence 69, Appl
1021	12.6	0.7	19	1	US-09-422-978-5162	Sequence 5162, App	1094	12.4	0.7	17	1	US-09-866-108A-517	Sequence 517, App
1022	12.6	0.7	19	1	US-09-422-978-5182	Sequence 5182, App	1095	12.4	0.7	17	1	US-09-866-108A-518	Sequence 518, App
c1023	12.6	0.7	19	1	US-09-422-978-6575	Sequence 6575, App	1096	12.4	0.7	17	1	US-09-866-108A-519	Sequence 519, App
c1024	12.6	0.7	19	1	US-09-422-978-6717	Sequence 6717, App	1097	12.4	0.7	17	1	US-09-866-108A-520	Sequence 520, App
c1025	12.6	0.7	19	1	US-09-422-978-7357	Sequence 7357, App	c1098	12.4	0.7	17	1	US-09-866-108A-2181	Sequence 2181, App
1026	12.6	0.7	19	1	US-09-422-978-7573	Sequence 7573, App	c1099	12.4	0.7	17	1	US-09-866-108A-2182	Sequence 2182, App
1027	12.6	0.7	19	1	US-09-422-978-11512	Sequence 11512, A	c1100	12.4	0.7	17	1	US-09-866-108A-2183	Sequence 2183, App
1028	12.6	0.7	19	1	US-09-060-299-387	Sequence 387, App	c1101	12.4	0.7	17	1	US-09-866-108A-2184	Sequence 2184, App
1029	12.6	0.7	19	1	US-09-060-299-401	Sequence 401, App	c1102	12.4	0.7	17	1	US-09-866-108A-7034	Sequence 7034, App
1030	12.6	0.7	19	1	US-09-402-923A-387	Sequence 387, App	c1103	12.4	0.7	17	1	US-09-866-108A-7035	Sequence 7035, App
1031	12.6	0.7	19	1	US-09-402-923A-401	Sequence 401, App	c1104	12.4	0.7	17	1	US-09-866-108A-7753	Sequence 7753, App
c1032	12.6	0.7	19	1	US-10-112-547-17	Sequence 17, Appl	1105	12.4	0.7	17	1	US-09-866-108A-7754	Sequence 7754, App
c1033	12.6	0.7	19	1	US-10-112-241-17	Sequence 17, Appl	1106	12.4	0.7	17	1	US-09-866-108A-7755	Sequence 7755, App
c1034	12.6	0.7	19	1	US-10-104-611-17	Sequence 17, Appl	1107	12.4	0.7	17	1	US-09-866-108A-7756	Sequence 7756, App
1035	12.6	0.7	19	1	US-09-672-717-17	Sequence 17, Appl	c1108	12.4	0.7	17	1	US-09-866-108A-8001	Sequence 8001, App
c1036	12.6	0.7	19	1	US-09-672-717-38	Sequence 38, Appl	c1109	12.4	0.7	17	1	US-09-866-108A-8002	Sequence 8002, App
1037	12.6	0.7	19	1	US-09-672-717-118	Sequence 118, App	c1110	12.4	0.7	17	1	US-09-866-108A-8003	Sequence 8003, App
c1038	12.6	0.7	19	1	US-09-672-717-214	Sequence 214, App	c1111	12.4	0.7	17	1	US-09-866-108A-8004	Sequence 8004, App
c1039	12.6	0.7	19	1	US-09-818-780-80	Sequence 80, Appl	1112	12.4	0.7	17	1	US-09-866-108A-8047	Sequence 8047, App
1040	12.6	0.7	19	1	US-09-818-780-80	Sequence 80, Appl	c1113	12.4	0.7	17	1	US-09-866-108A-8048	Sequence 8048, App
c1041	12.6	0.7	19	1	US-09-818-780-80	Sequence 80, Appl	c1114	12.4	0.7	17	1	US-09-866-108A-8377	Sequence 8377, App
c1042	12.6	0.7	20	1	US-09-679-299A-53	Sequence 53, Appl	c1115	12.4	0.7	17	1	US-09-866-108A-8378	Sequence 8378, App
c1043	12.6	0.7	22	1	US-08-232-081B-10	Sequence 10, Appl	c1116	12.4	0.7	17	1	US-09-866-108A-8379	Sequence 8379, App
c1044	12.6	0.7	23	1	US-09-647-344A-3	Sequence 3, Appl	c1117	12.4	0.7	17	1	US-09-866-108A-8380	Sequence 8380, App
1045	12.4	0.7	14	1	US-08-985-162-1803	Sequence 1803, App	1118	12.4	0.7	17	1	US-09-866-108A-8593	Sequence 8593, App
c1046	12.4	0.7	14	1	US-08-230-652-38	Sequence 38, Appl	1119	12.4	0.7	17	1	US-09-866-108A-8594	Sequence 8594, App
1047	12.4	0.7	14	1	US-09-401-063-1803	Sequence 1803, App	1120	12.4	0.7	17	1	US-09-866-108A-8595	Sequence 8595, App
c1048	12.4	0.7	15	1	US-08-221-816B-22	Sequence 22, Appl	1121	12.4	0.7	17	1	US-09-866-108A-8596	Sequence 8596, App
1049	12.4	0.7	15	1	US-08-590-897A-32	Sequence 32, Appl	c1122	12.4	0.7	17	1	US-09-866-108A-8895	Sequence 8895, App
c1050	12.4	0.7	15	1	US-10-113-547-22	Sequence 22, Appl	c1123	12.4	0.7	17	1	US-09-866-108A-8899	Sequence 8899, App
c1051	12.4	0.7	15	1	US-10-112-241-22	Sequence 22, Appl	1124	12.4	0.7	17	1	PCT-US94-08119-13	Sequence 13, Appl
c1052	12.4	0.7	15	1	US-10-104-611-22	Sequence 22, Appl	1125	12.4	0.7	17	1	PCT-US94-12913A-13	Sequence 13, Appl
1053	12.4	0.7	16	1	US-08-281-166-43	Sequence 43, Appl	1126	12.4	0.7	18	1	US-08-584-040-6250	Sequence 6250, App
1054	12.4	0.7	16	1	US-09-199-269-43	Sequence 43, Appl	1127	12.4	0.7	18	1	US-09-371-772B-3009	Sequence 3009, App
1055	12.4	0.7	16	1	US-09-371-772B-5851	Sequence 5851, App	c1128	12.4	0.7	18	1	US-08-369-282-2	Sequence 2, Appl

1129	12.4	0.7	18	1	US-08-216-276A-6	Sequence 6, Appl	1202	12.2	0.7	17	1	US-08-337-268A-12	Sequence 12, Appl
1130	12.4	0.7	18	1	US-08-488-212A-15	Sequence 15, Appl	1203	12.2	0.7	17	1	US-08-344-695-20	Sequence 20, Appl
1131	12.4	0.7	18	1	US-08-411-796-253	Sequence 253, Appl	1204	12.2	0.7	17	1	US-08-344-695-21	Sequence 21, Appl
1132	12.4	0.7	18	1	US-08-583-684B-2507	Sequence 2507, Ap	1205	12.2	0.7	17	1	US-07-882-838E-12	Sequence 12, Appl
1133	12.4	0.7	18	1	US-08-320-306-15	Sequence 15, Appl	1206	12.2	0.7	17	1	US-08-373-124A-224	Sequence 224, App
1134	12.4	0.7	18	1	US-08-488-209B-15	Sequence 15, Appl	1207	12.2	0.7	17	1	US-08-664-449-15	Sequence 15, Appl
1135	12.4	0.7	18	1	US-08-408-011-15	Sequence 15, Appl	1208	12.2	0.7	17	1	US-08-484-570A-12	Sequence 12, Appl
1136	12.4	0.7	18	1	US-08-584-322A-6	Sequence 6, Appl	1209	12.2	0.7	17	1	US-08-758-306-825	Sequence 825, App
1137	12.4	0.7	18	1	US-09-255-911-28	Sequence 28, Appl	1210	12.2	0.7	17	1	US-08-758-306-849	Sequence 849, App
1138	12.4	0.7	18	1	US-09-289-376-19	Sequence 19, Appl	1211	12.2	0.7	17	1	US-08-435-628-224	Sequence 224, App
1139	12.4	0.7	18	1	US-08-471-039-283	Sequence 283, App	1212	12.2	0.7	17	1	US-08-292-620A-1672	Sequence 1672, Ap
1140	12.4	0.7	18	1	US-09-339-964-32	Sequence 32, Appl	1213	12.2	0.7	17	1	US-08-292-620A-1770	Sequence 1770, Ap
1141	12.4	0.7	18	1	US-08-485-942A-57	Sequence 57, Appl	1214	12.2	0.7	17	1	US-08-292-620A-1809	Sequence 1809, Ap
1142	12.4	0.7	18	1	US-09-143-212-44	Sequence 44, Appl	1215	12.2	0.7	17	1	US-08-332-766A-94	Sequence 94, Appl
1143	12.4	0.7	18	1	US-08-559-205-14	Sequence 14, Appl	1216	12.2	0.7	17	1	US-08-468-819-63	Sequence 63, Appl
1144	12.4	0.7	18	1	US-09-082-664-4	Sequence 4, Appl	1217	12.2	0.7	17	1	US-08-468-819-93	Sequence 3, Appl
1145	12.4	0.7	18	1	US-08-488-214A-57	Sequence 57, Appl	1218	12.2	0.7	17	1	US-08-468-276-3	Sequence 3, Appl
1146	12.4	0.7	18	1	US-08-488-208A-57	Sequence 57, Appl	1219	12.2	0.7	17	1	US-08-909-742-3	Sequence 4, Appl
1147	12.4	0.7	18	1	US-09-213-719-70	Sequence 70, Appl	1220	12.2	0.7	17	1	US-08-536-150-12	Sequence 12, Appl
1148	12.4	0.7	18	1	US-09-487-444-38	Sequence 38, Appl	1221	12.2	0.7	17	1	US-08-985-162-67	Sequence 67, Appl
1149	12.4	0.7	18	1	US-09-038-073-2507	Sequence 2507, Ap	1222	12.2	0.7	17	1	US-08-985-162-67	Sequence 144, App
1150	12.4	0.7	18	1	US-09-311-260-67	Sequence 67, Appl	1223	12.2	0.7	17	1	US-08-985-162-144	Sequence 173, App
1151	12.4	0.7	18	1	US-09-193-377B-22	Sequence 22, Appl	1224	12.2	0.7	17	1	US-08-985-162-173	Sequence 174, App
1152	12.4	0.7	18	1	US-09-193-377B-24	Sequence 24, Appl	1225	12.2	0.7	17	1	US-08-985-162-243	Sequence 243, App
1153	12.4	0.7	18	1	US-09-193-377B-27	Sequence 27, Appl	1226	12.2	0.7	17	1	US-08-985-162-253	Sequence 253, App
1154	12.4	0.7	18	1	US-09-099-307-12	Sequence 12, Appl	1227	12.2	0.7	17	1	US-08-985-162-397	Sequence 397, App
1155	12.4	0.7	18	1	US-09-099-307-13	Sequence 13, Appl	1228	12.2	0.7	17	1	US-08-985-162-514	Sequence 514, App
1156	12.4	0.7	18	1	US-09-430-911A-6	Sequence 6, Appl	1229	12.2	0.7	17	1	US-08-998-099-47	Sequence 47, Appl
1157	12.4	0.7	18	1	US-09-632-580A-15	Sequence 15, Appl	1230	12.2	0.7	17	1	US-08-998-099-48	Sequence 48, Appl
1158	12.4	0.7	18	1	US-09-196-387-6	Sequence 6, Appl	1231	12.2	0.7	17	1	US-08-998-099-49	Sequence 49, Appl
1159	12.4	0.7	18	1	US-09-430-921A-57	Sequence 57, Appl	1232	12.2	0.7	17	1	US-09-071-845-1672	Sequence 1672, Ap
1160	12.4	0.7	18	1	US-08-483-211A-57	Sequence 57, Appl	1233	12.2	0.7	17	1	US-09-071-845-1676	Sequence 1770, Ap
1161	12.4	0.7	18	1	US-08-488-223A-57	Sequence 57, Appl	1234	12.2	0.7	17	1	US-09-071-845-1770	Sequence 1809, Ap
1162	12.4	0.7	18	1	US-08-679-645-1157	Sequence 1157, Ap	1235	12.2	0.7	17	1	US-09-071-845-1809	Sequence 37, Appl
1163	12.4	0.7	18	1	US-08-679-645-1159	Sequence 1159, Ap	1236	12.2	0.7	17	1	US-08-838-715B-37	Sequence 3, Appl
1164	12.4	0.7	18	1	US-08-438-431A-57	Sequence 57, Appl	1237	12.2	0.7	17	1	US-09-412-289-3	Sequence 4, Appl
1165	12.4	0.7	18	1	US-08-488-225A-57	Sequence 57, Appl	1238	12.2	0.7	17	1	US-08-584-040-2376	Sequence 2376, Ap
1166	12.4	0.7	18	1	US-08-559-390-263	Sequence 263, App	1239	12.2	0.7	17	1	US-08-584-040-2386	Sequence 2386, Ap
1167	12.4	0.7	18	1	US-09-841-835-6	Sequence 6, Appl	1240	12.2	0.7	17	1	US-08-584-040-2742	Sequence 2742, Ap
1168	12.4	0.7	18	1	US-09-187-330-7	Sequence 7, Appl	1241	12.2	0.7	17	1	US-08-584-040-3820	Sequence 3820, Ap
1169	12.4	0.7	18	1	PCF-US91-03056-6	Sequence 6, Appl	1242	12.2	0.7	17	1	US-08-584-040-3890	Sequence 3890, Ap
1170	12.4	0.7	18	1	PCF-US92-00626-2	Sequence 2, Appl	1243	12.2	0.7	17	1	US-08-584-040-4233	Sequence 4233, Ap
1171	12.4	0.7	18	1	PCF-US93-11198-263	Sequence 263, App	1244	12.2	0.7	17	1	US-08-584-040-4362	Sequence 4362, Ap
1172	12.4	0.7	19	1	US-08-631-200-20	Sequence 20, Appl	1245	12.2	0.7	17	1	US-08-584-040-5795	Sequence 5795, Ap
1173	12.4	0.7	19	1	US-08-363-233B-7	Sequence 7, Appl	1246	12.2	0.7	17	1	US-08-584-040-8024	Sequence 8024, Ap
1174	12.4	0.7	19	1	US-08-446-919A-8	Sequence 8, Appl	1247	12.2	0.7	17	1	US-08-679-645-70	Sequence 70, Appl
1175	12.4	0.7	19	1	US-08-446-919A-12	Sequence 12, Appl	1248	12.2	0.7	17	1	US-08-679-645-153	Sequence 153, Appl
1176	12.4	0.7	19	1	US-08-829-553-20	Sequence 20, Appl	1249	12.2	0.7	17	1	US-08-679-645-200	Sequence 200, App
1177	12.4	0.7	19	1	US-08-117-952-247	Sequence 247, App	1250	12.2	0.7	17	1	US-08-294-312B-67	Sequence 67, Appl
1178	12.4	0.7	19	1	US-08-117-952-384	Sequence 384, App	1251	12.2	0.7	17	1	US-09-235-538-5	Sequence 5, Appl
1179	12.4	0.7	19	1	US-08-922-267A-20	Sequence 20, Appl	1252	12.2	0.7	17	1	US-08-468-044B-67	Sequence 67, Appl
1180	12.4	0.7	19	1	US-08-936-707A-20	Sequence 20, Appl	1253	12.2	0.7	17	1	US-09-213-383-63	Sequence 63, Appl
1181	12.4	0.7	19	1	US-08-936-708A-20	Sequence 20, Appl	1254	12.2	0.7	17	1	US-09-474-432B-314	Sequence 314, App
1182	12.4	0.7	19	1	US-09-248-203-20	Sequence 20, Appl	1255	12.2	0.7	17	1	US-09-474-432B-493	Sequence 493, App
1183	12.4	0.7	19	1	US-08-894-173-9	Sequence 9, Appl	1256	12.2	0.7	17	1	US-09-474-432B-574	Sequence 574, App
1184	12.4	0.7	19	1	US-09-050-159-27	Sequence 27, Appl	1257	12.2	0.7	17	1	US-09-474-432B-772	Sequence 772, App
1185	12.4	0.7	19	1	US-09-398-193-9	Sequence 9, Appl	1258	12.2	0.7	17	1	US-09-474-432B-850	Sequence 850, App
1186	12.4	0.7	19	1	US-09-406-071-20	Sequence 20, Appl	1259	12.2	0.7	17	1	US-09-371-772B-921	Sequence 921, App
1187	12.4	0.7	19	1	US-09-091-952A-162	Sequence 162, App	1260	12.2	0.7	17	1	US-09-371-772B-931	Sequence 931, App
1188	12.4	0.7	19	1	US-09-402-690-15	Sequence 15, Appl	1261	12.2	0.7	17	1	US-09-371-772B-1587	Sequence 1587, Ap
1189	12.4	0.7	19	1	US-09-446-081-6	Sequence 6, Appl	1262	12.2	0.7	17	1	US-09-371-772B-1657	Sequence 1657, Ap
1190	12.4	0.7	19	1	US-09-422-978-5164	Sequence 5164, Ap	1263	12.2	0.7	17	1	US-09-371-772B-2000	Sequence 2000, Ap
1191	12.4	0.7	19	1	US-09-422-978-5816	Sequence 5816, Ap	1264	12.2	0.7	17	1	US-09-371-772B-2129	Sequence 2129, Ap
1192	12.4	0.7	19	1	US-09-422-978-8728	Sequence 8728, Ap	1265	12.2	0.7	17	1	US-09-371-772B-2661	Sequence 2661, Ap
1193	12.4	0.7	19	1	US-09-230-652-92	Sequence 92, Appl	1266	12.2	0.7	17	1	US-09-371-772B-3299	Sequence 3299, Ap
1194	12.4	0.7	19	1	US-09-755-665-74	Sequence 74, Appl	1267	12.2	0.7	17	1	US-09-371-772B-3807	Sequence 3807, Ap
1195	12.4	0.7	19	1	US-09-785-381-7	Sequence 7, Appl	1268	12.2	0.7	17	1	US-09-371-772B-4169	Sequence 4169, Ap
1196	12.4	0.7	19	1	US-09-814-986-20	Sequence 20, Appl	1269	12.2	0.7	17	1	US-09-371-772B-4719	Sequence 4719, Ap
1197	12.2	0.7	17	1	US-09-866-108A-9023	Sequence 9023, Ap	1270	12.2	0.7	17	1		
1198	12.2	0.7	17	1	US-08-009-263C-37	Sequence 37, Appl	1271	12.2	0.7	17	1		
1199	12.2	0.7	17	1	US-08-217-016-3	Sequence 3, Appl	1272	12.2	0.7	17	1		
1200	12.2	0.7	17	1	US-08-061-062A-12	Sequence 12, Appl	1273	12.2	0.7	17	1		
1201	12.2	0.7	17	1	US-08-050-073-175	Sequence 175, App	1274	12.2	0.7	17	1		



1275	12.2	0.7	17	1	US-09-371-772B-4793	Sequence 4793, Ap	1348	12.2	0.7	17	1	US-09-866-108A-10402	Sequence 10402, A
1276	12.2	0.7	17	1	US-09-371-772B-4923	Sequence 4923, Ap	1349	12.2	0.7	17	1	US-09-866-108A-10607	Sequence 10607, A
1277	12.2	0.7	17	1	US-09-371-772B-5317	Sequence 5317, Ap	1350	12.2	0.7	17	1	US-09-866-108A-10641	Sequence 10641, A
1278	12.2	0.7	17	1	US-09-371-772B-6264	Sequence 6264, Ap	1351	12.2	0.7	17	1	US-09-866-108A-10666	Sequence 10666, A
1279	12.2	0.7	17	1	US-09-371-772B-6265	Sequence 6265, Ap	1352	12.2	0.7	17	1	US-09-866-108A-10667	Sequence 10667, A
1280	12.2	0.7	17	1	US-09-371-772B-6428	Sequence 6428, Ap	1353	12.2	0.7	18	1	US-07-903-466-9	Sequence 9, Appl
1281	12.2	0.7	17	1	US-09-371-772B-6475	Sequence 6475, Ap	1354	12.2	0.7	18	1	US-08-388-381-36	Sequence 36, Appl
1282	12.2	0.7	17	1	US-09-371-772B-6747	Sequence 6747, Ap	1355	12.2	0.7	18	1	US-08-200-011-1	Sequence 1, Appl
1283	12.2	0.7	17	1	US-09-371-772B-6957	Sequence 6957, Ap	1356	12.2	0.7	18	1	US-08-319-492B-735	Sequence 735, App
1284	12.2	0.7	17	1	US-08-465-679-67	Sequence 67, Appl	1357	12.2	0.7	18	1	US-08-183-211-3	Sequence 3, Appl
1285	12.2	0.7	17	1	US-09-476-387-313	Sequence 313, App	1358	12.2	0.7	18	1	US-08-319-492B-739	Sequence 739, App
1286	12.2	0.7	17	1	US-09-476-387-492	Sequence 492, App	1359	12.2	0.7	18	1	US-08-183-211-6	Sequence 6, Appl
1287	12.2	0.7	17	1	US-09-476-387-573	Sequence 573, App	1360	12.2	0.7	18	1	US-08-384-490-10	Sequence 10, Appl
1288	12.2	0.7	17	1	US-09-476-387-771	Sequence 771, App	1361	12.2	0.7	18	1	US-08-729-202-3	Sequence 3, Appl
1289	12.2	0.7	17	1	US-09-476-387-849	Sequence 849, App	1362	12.2	0.7	18	1	US-08-459-383-10	Sequence 10, Appl
1290	12.2	0.7	17	1	US-09-401-063-67	Sequence 67, Appl	1363	12.2	0.7	18	1	US-08-896-371-3	Sequence 3, Appl
1291	12.2	0.7	17	1	US-09-401-063-144	Sequence 144, App	1364	12.2	0.7	18	1	US-08-761-131-3	Sequence 3, Appl
1292	12.2	0.7	17	1	US-09-401-063-173	Sequence 173, App	1365	12.2	0.7	18	1	US-08-410-540-23	Sequence 23, Appl
1293	12.2	0.7	17	1	US-09-401-063-174	Sequence 174, App	1366	12.2	0.7	18	1	US-08-800-753-26	Sequence 26, Appl
1294	12.2	0.7	17	1	US-09-401-063-243	Sequence 243, App	1367	12.2	0.7	18	1	US-08-311-486C-1132	Sequence 1132, Ap
1295	12.2	0.7	17	1	US-09-401-063-253	Sequence 253, App	1368	12.2	0.7	18	1	US-08-578-709-4	Sequence 4, Appl
1296	12.2	0.7	17	1	US-09-401-063-397	Sequence 397, App	1369	12.2	0.7	18	1	US-08-485-721-20	Sequence 20, Appl
1297	12.2	0.7	17	1	US-09-401-063-514	Sequence 514, App	1370	12.2	0.7	18	1	US-08-110-294A-47	Sequence 47, Appl
1298	12.2	0.7	17	1	US-09-827-998-412	Sequence 412, App	1371	12.2	0.7	18	1	US-08-392-935-20	Sequence 20, Appl
1299	12.2	0.7	17	1	US-09-827-998-573	Sequence 573, App	1372	12.2	0.7	18	1	US-08-117-953-178	Sequence 178, App
1300	12.2	0.7	17	1	US-09-827-998-655	Sequence 655, App	1373	12.2	0.7	18	1	US-08-461-990B-30	Sequence 30, Appl
1301	12.2	0.7	17	1	US-09-827-998-720	Sequence 720, App	1374	12.2	0.7	18	1	US-08-627-254C-16	Sequence 16, Appl
1302	12.2	0.7	17	1	US-09-866-108A-402	Sequence 402, App	1375	12.2	0.7	18	1	US-08-404-531B-13	Sequence 13, Appl
1303	12.2	0.7	17	1	US-09-866-108A-658	Sequence 658, App	1376	12.2	0.7	18	1	US-08-389-926-47	Sequence 47, Appl
1304	12.2	0.7	17	1	US-09-866-108A-659	Sequence 659, App	1377	12.2	0.7	18	1	US-08-468-551-5	Sequence 5, Appl
1305	12.2	0.7	17	1	US-09-866-108A-700	Sequence 700, App	1378	12.2	0.7	18	1	US-08-468-551-7	Sequence 7, Appl
1306	12.2	0.7	17	1	US-09-866-108A-744	Sequence 744, App	1379	12.2	0.7	18	1	US-08-585-684B-2686	Sequence 2686, Ap
1307	12.2	0.7	17	1	US-09-866-108A-745	Sequence 745, App	1380	12.2	0.7	18	1	US-08-990-818-26	Sequence 26, Appl
1308	12.2	0.7	17	1	US-09-866-108A-747	Sequence 747, App	1381	12.2	0.7	18	1	US-09-197-378-24	Sequence 24, Appl
1309	12.2	0.7	17	1	US-09-866-108A-748	Sequence 748, App	1382	12.2	0.7	18	1	US-09-161-015-40	Sequence 40, Appl
1310	12.2	0.7	17	1	US-09-866-108A-948	Sequence 948, App	1383	12.2	0.7	18	1	US-09-205-860-35	Sequence 35, Appl
1311	12.2	0.7	17	1	US-09-866-108A-949	Sequence 949, App	1384	12.2	0.7	18	1	US-09-213-768-22	Sequence 22, Appl
1312	12.2	0.7	17	1	US-09-866-108A-950	Sequence 950, App	1385	12.2	0.7	18	1	US-08-696-497B-3	Sequence 3, Appl
1313	12.2	0.7	17	1	US-09-866-108A-1524	Sequence 1524, Ap	1386	12.2	0.7	18	1	US-09-106-038A-76	Sequence 76, Appl
1314	12.2	0.7	17	1	US-09-866-108A-1528	Sequence 1528, Ap	1387	12.2	0.7	18	1	US-09-205-921-32	Sequence 32, Appl
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1316	12.2	0.7	17	1	US-09-866-108A-1996	Sequence 1996, Ap	1389	12.2	0.7	18	1	US-09-255-911-44	Sequence 44, Appl
1317	12.2	0.7	17	1	US-09-866-108A-2265	Sequence 2265, Ap	1390	12.2	0.7	18	1	US-09-289-376-47	Sequence 42, Appl
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1319	12.2	0.7	17	1	US-09-866-108A-2734	Sequence 2734, Ap	1392	12.2	0.7	18	1	US-09-357-073-36	Sequence 36, Appl
1320	12.2	0.7	17	1	US-09-866-108A-2899	Sequence 2899, Ap	1393	12.2	0.7	18	1	US-09-161-443-33	Sequence 33, Appl
1321	12.2	0.7	17	1	US-09-866-108A-2900	Sequence 2900, Ap	1394	12.2	0.7	18	1	US-09-339-964-17	Sequence 17, Appl
1322	12.2	0.7	17	1	US-09-866-108A-2901	Sequence 2901, Ap	1395	12.2	0.7	18	1	US-08-665-259-40	Sequence 40, Appl
1323	12.2	0.7	17	1	US-09-866-108A-5874	Sequence 5874, Ap	1396	12.2	0.7	18	1	US-08-762-500-40	Sequence 40, Appl
1324	12.2	0.7	17	1	US-09-866-108A-6338	Sequence 6338, Ap	1397	12.2	0.7	18	1	US-08-476-900A-13	Sequence 13, Appl
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1326	12.2	0.7	17	1	US-09-866-108A-6380	Sequence 6380, Ap	1399	12.2	0.7	18	1	US-09-289-377-47	Sequence 47, Appl
1327	12.2	0.7	17	1	US-09-866-108A-6381	Sequence 6381, Ap	1400	12.2	0.7	18	1	US-08-488-546A-13	Sequence 13, Appl
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1330	12.2	0.7	17	1	US-09-866-108A-6793	Sequence 6793, Ap	1403	12.2	0.7	18	1	US-08-765-626-36	Sequence 36, Appl
1331	12.2	0.7	17	1	US-09-866-108A-7038	Sequence 7038, Ap	1404	12.2	0.7	18	1	US-08-897-236-20	Sequence 20, Appl
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1334	12.2	0.7	17	1	US-09-866-108A-8010	Sequence 8010, Ap	1407	12.2	0.7	18	1	US-09-143-212-45	Sequence 45, Appl
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1340	12.2	0.7	17	1	US-09-866-108A-8900	Sequence 8900, Ap	1413	12.2	0.7	18	1	US-09-289-466-46	Sequence 46, Appl
1341	12.2	0.7	17	1	US-09-866-108A-9075	Sequence 9075, Ap	1414	12.2	0.7	18	1	US-09-291-837-7	Sequence 7, Appl
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1346	12.2	0.7	17	1	US-09-866-108A-10395	Sequence 10395, A	1419	12.2	0.7	18	1	US-09-071-433-64	Sequence 64, Appl
1347	12.2	0.7	17	1	US-09-866-108A-10401	Sequence 10401, A	1420	12.2	0.7	18	1	US-09-593-323-17	Sequence 17, Appl



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1422	12.2	0.7	18	1	US-09-268-140-41	Sequence 41, Appl	1495	12	0.7	15	1	US-09-071-845-56	Sequence 56, Appl
1423	12.2	0.7	18	1	US-09-167-874-20	Sequence 20, Appl	1496	12	0.7	15	1	US-09-071-845-57	Sequence 57, Appl
1424	12.2	0.7	18	1	US-09-172-045-26	Sequence 26, Appl	c1497	12	0.7	15	1	US-09-038-073-783	Sequence 78, Appl
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c1431	12.2	0.7	18	1	US-09-496-694B-93	Sequence 93, Appl	c1504	12	0.7	16	1	US-09-371-772B-7117	Sequence 7117, Ap
c1432	12.2	0.7	18	1	US-08-584-040-8368	Sequence 8368, Ap	1505	12	0.7	17	1	US-08-373-124A-7475	Sequence 2475, Ap
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## ALIGNMENTS

RESULT 1  
US-09-866-108A-15295  
; Sequence 15295, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: PENN, Sharron G  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 15295  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-15295  
  
Query Match 1.1%; Score 18.6; DB 1; Length 25;  
Best Local Similarity 84.0%; Pred. No. 29;  
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
  
QY 555 CCTCAGCGCGCGCTCGTCGTGC 579  
||||| 1 CCTCATCTCGGCTCCATGTC 25  
Db  
  
RESULT 2  
US-08-678-039A-3  
; Sequence 3, Application US/08678039A  
; Patent No. 5858662  
; GENERAL INFORMATION:  
; APPLICANT: Keating, Mark T.  
; APPLICANT: Morris, Colleen A.  
; TITLE OF INVENTION: Diagnosis of Williams Syndrome and  
; TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the  
; TITLE OF INVENTION: Presence or Absence of a LIM-Kinase Gene  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.  
; STREET: 555 Thirteenth Street, N.W., Suite 701 East  
; STREET: Tower  
; CITY: Washington  
; STATE: DC  
; COUNTRY: U.S.A.  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/678,039A  
; FILING DATE: 10-JUL-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Saxe, Stephen A.  
; REGISTRATION NUMBER: 38,609  
; REFERENCE/DOCKET NUMBER: 2323-120A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-624-1589  
; TELEFAX: 202-783-6031  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:

LENGTH: 25 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Primer sequence"  
US-08-678-039A-3

Query Match  
Best Local Similarity 1.0%; Score 17.6; DB 1; Length 25;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1033 GACTTTGGCTGGCTCGGACGACATG 1056  
Db 1 GACTTTGGCTGGCTCGGACATG 24

## RESULT 3

US-09-866-108A-15294  
; Sequence 15294, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 15294  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-15294

Query Match  
Best Local Similarity 1.0%; Score 17.6; DB 1; Length 25;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 555 CCTCAGCGCGCTCGTGTGT 578  
Db 2 CCTCCTCTCGGCTCGTGTGT 25

## RESULT 4

US-09-866-108A-15296  
; Sequence 15296, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 15296  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-15296

Query Match  
Best Local Similarity 1.0%; Score 17.6; DB 1; Length 25;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 556 CTCAGCGCGCTCGTGTGT 579  
Db 1 CTCATCTCGGCTCGTGTGT 24

## RESULT 5

US-08-859-998-960/c  
; Sequence 960, Application US/08859998  
; Patent No. 5994076  
; GENERAL INFORMATION:  
; APPLICANT: Chenchik, Alex  
; APPLICANT: Jokhadze, George  
; APPLICANT: Bibilashvili, Robert  
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 1375  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson, P.C.  
; STREET: 2200 Sand Hill Road, Suite 100  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94025  
; COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 960:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-08-859-998-960

Query Match 1.0%; Score 17.6; DB 1; Length 26;  
Best Local Similarity 83.3%; Pred. No. 57;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 826 TCCCTCACCTTGCTTTGAGTAC 849  
DB 25 TCTGTACACCTTGCTTTGAGTGC 2

RESULT 6  
US-09-225-928-960/c  
Sequence 960, Application US/09225928  
Patent No. 6352829  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,928  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 960:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-09-225-928-960

Query Match 1.0%; Score 17.6; DB 1; Length 26;  
Best Local Similarity 83.3%; Pred. No. 57;  
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 826 TCCCTCACCTTGCTTTGAGTAC 849  
DB 25 TCTGTACACCTTGCTTTGAGTGC 2

RESULT 7  
US-09-225-201B-960/c  
Sequence 960, Application US/09225201B  
Patent No. 6489455  
GENERAL INFORMATION:  
APPLICANT: Chenchik, Alex  
Jokhadze, George  
Bibilashvili, Robert  
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL  
EXPRESSION  
NUMBER OF SEQUENCES: 1375  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson, P.C.  
STREET: 2200 Sand Hill Road, Suite 100  
CITY: Menlo Park  
STATE: CA  
COUNTRY: US  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows95  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/225,201B  
FILING DATE: 05-Jan-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,998  
FILING DATE: 21-MAY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Field, Bret E.  
REGISTRATION NUMBER: 37,620  
REFERENCE/DOCKET NUMBER: 09096/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-322-5070  
TELEFAX: 415-854-0875  
INFORMATION FOR SEQ ID NO: 960:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 26 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
OTHER INFORMATION: oligonucleotide primer  
US-09-225-201B-960

Query Match 1.0%; Score 17.6; DB 1; Length 26;

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; Best Local Similarity 83.3%; Pred. No. 57;
; Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 826 TCCTCACCCTTGCTCTTGGTAC 849
Db 25 TCTGTCACCCTTGCTCTTGGTGC 2

RESULT 8
US-08-910-629A-31/c
; Sequence 31, Application US/08910629A
; Patent No. 5877309
; GENERAL INFORMATION:
; APPLICANT: Robert A. McKay
; APPLICANT: Nicholas M. Dean
; APPLICANT: Brett Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
; MEDIUM TYPE: STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,629A
; FILING DATE: August 13, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-910-629A-31

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1033 GACTTTGGCTGGCCCG 1049
Db 20 GACTTTGGCTGGCCCG 4

RESULT 9
US-08-910-629A-42
; Sequence 42, Application US/08910629A
; Patent No. 5877309
; GENERAL INFORMATION:
; APPLICANT: Robert A. McKay
; APPLICANT: Nicholas M. Dean
; APPLICANT: Brett Monia
```

```
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE MODULATION OF JNK
; TITLE OF INVENTION: PROTEINS
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
; MEDIUM TYPE: STORAGE
; COMPUTER: PENTIUM
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,629A
; FILING DATE: August 13, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0215
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
US-08-910-629A-42

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1033 GACTTTGGCTGGCCCG 1049
Db 1 GACTTTGGCTGGCCCG 17

RESULT 10
US-09-209-668-7/c
; Sequence 7, Application US/09209668A
; Patent No. 6114517
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: METHODS OF MODULATING TUMOR NECROSIS FACTOR
; TITLE OF INVENTION: alpha-INDUCED EXPRESSION OF CELL ADHESION MOLECULES
; FILE REFERENCE: ISPH-0336
; CURRENT APPLICATION NUMBER: US/09/209,668A
; CURRENT FILING DATE: 1998-12-10
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-209-668-7

Query Match 1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 50;
```

	Matches	17;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
Qy	1033		GACTTGGCCTGGCCCG	1049						
Dd	20		GACTTGGCCTGGCCCG	4						

```

RESULT 11
US-09-287-796-31/c
; Sequence 31, Application US/09287796A
; Patent No. 6133246
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0350
; CURRENT APPLICATION NUMBER: US/09/287,796A
; CURRENT FILING DATE: 1999-04-07
; EARLIER APPLICATION NUMBER: 09/130,616
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-287-796-31

```

Query Match	1.0%;	Score 17;	DB 1;	Length 20;
Best Local Similarity	100.0%;	Prod.No. 50;		
Matches 17;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1033	GACITTTGGCCTGGCCCG	1049	
Db	20	GACITTTGGCCTGGCCCG	4	

RESULT 12  
US-09-287-796-42  
; Sequence 42, Application US/09287796A  
; Patent No. 6133246  
; GENERAL INFORMATION:  
; APPLICANT: McKay, Robert A.  
; APPLICANT: Dean, Nicholas M.  
; APPLICANT: Monia, Brett  
; APPLICANT: Nero, Pam  
; APPLICANT: Gaarde, William A.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
; FILE REFERENCE: ISPH-0350  
; CURRENT APPLICATION NUMBER: US/09/287,796A  
; CURRENT FILING DATE: 1999-04-07  
; EARLIER APPLICATION NUMBER: 09/130,616  
; EARLIER FILING DATE: 1998-08-07  
; EARLIER APPLICATION NUMBER: 08/910,629  
; EARLIER FILING DATE: 1997-08-03  
; NUMBER OF SEQ ID NOS: 165  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-287-796-42

Query Match 1.0%; Score 17; DB 1; Length 20;

```

Best Local Similarity 100.0%; Pred. No. 50;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1033 GACITTTGGCCTGGCCCG 1049
      |||||
Db 1 GACITTTGGCCTGGCCCG 17

```

```

RESULT 13
US-09-130-616-31/C
; Sequence 31, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-130-616-31

```

```

Query Match      1.0%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTGGCCTGGCCCG 1049
      |||||
DB 20 GACTTGGCCTGGCCCG 4

```

RESULT 14  
US-09-130-616-42  
; Sequence 42, Application US/09130616C  
; Patent No. 6221850  
; GENERAL INFORMATION:  
; APPLICANT: McKay, Robert A.  
; APPLICANT: Dean, Nicholas M.  
; APPLICANT: Monia, Brett  
; APPLICANT: Nero, Pam  
; APPLICANT: Gaarde, William A.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
; FILE REFERENCE: ISPH-0318  
; CURRENT APPLICATION NUMBER: US/09/130,616C  
; CURRENT FILING DATE: 1998-08-07  
; EARLIER APPLICATION NUMBER: 08/910,629  
; EARLIER FILING DATE: 1997-08-03  
; NUMBER OF SEQ ID NOS: 178  
; SEQ ID NO 42  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-130-616-42

Query Match 1.0%; Score 17; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 50;  
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCG 1049  
Db 1 GACTTTGGCTGGCCG 17

## RESULT 15

US-09-300-958A-73/c  
; Sequence 73, Application US/09300958A  
; Patent No. 6495319  
; GENERAL INFORMATION:  
; APPLICANT: McClelland, Michael  
; APPLICANT: Welsh, John  
; APPLICANT: Trenkle, Thomas  
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of  
; TITLE OF INVENTION: Using Same  
; FILE REFERENCE: P-PH 3457  
; CURRENT APPLICATION NUMBER: US/09/300,958A  
; CURRENT FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/083,331  
; PRIOR FILING DATE: 1998-04-27  
; PRIOR APPLICATION NUMBER: 60/098,070  
; PRIOR FILING DATE: 1998-08-27  
; PRIOR APPLICATION NUMBER: 60/118,624  
; PRIOR FILING DATE: 1999-02-04  
; NUMBER OF SEQ ID NOS: 85  
; SOFTWARE: Patent In Ver. 2.0  
; SEQ ID NO 73  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-300-958A-73

Query Match 1.0%; Score 17; DB 1; Length 25;  
Best Local Similarity 80.0%; Pred. No. 76;  
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 531 CAATAGCCCATCTTTGACAGGCC 555  
Db 25 CACTAGCAGCATTTTGAAAGCAC 1

## RESULT 16

US-08-538-666-11/c  
; Sequence 11, Application US/08538666  
; Patent No. 6103465  
; GENERAL INFORMATION:  
; APPLICANT: Leslie Johnston-Dow, Robert B. Chadwick, Peter Parham  
; TITLE OF INVENTION: Method and reagents for typing HLA class I genes  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Paul D. Grossman, Perkin-Elmer Corp., Applied Biosystems Division  
; STREET: 850 Lincoln Centre Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch diskette  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Windows 3.10/DOS 6.20  
; SOFTWARE: Microsoft Word for Windows, vers. 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/538,666  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul D. Grossman  
; REGISTRATION NUMBER: 36,537

; REFERENCE/DOCKET NUMBER: 4259C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 638-5846  
; TELEFAX: (415) 638-6071  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-538-666-11

Query Match 1.0%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 62;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 352 GGGTCTGTGATGGGAGAGTGA 371  
Db 21 GGGTCTGTGATGGGAGAGTCA 2

## RESULT 17

US-08-538-666-17/c  
; Sequence 17, Application US/08538666  
; Patent No. 6103465  
; GENERAL INFORMATION:  
; APPLICANT: Leslie Johnston-Dow, Robert B. Chadwick, Peter Parham  
; TITLE OF INVENTION: Method and reagents for typing HLA class I genes  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Paul D. Grossman, Perkin-Elmer Corp., Applied Biosystems Division  
; STREET: 850 Lincoln Centre Drive  
; CITY: Foster City  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94404  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch diskette  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Windows 3.10/DOS 6.20  
; SOFTWARE: Microsoft Word for Windows, vers. 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/538,666  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul D. Grossman  
; REGISTRATION NUMBER: 36,537  
; REFERENCE/DOCKET NUMBER: 4259C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 638-5846  
; TELEFAX: (415) 638-6071  
; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-538-666-17

Query Match 1.0%; Score 16.8; DB 1; Length 21;  
Best Local Similarity 90.0%; Pred. No. 62;  
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 352 GGGTCTGTGATGGGAGAGTGA 371  
Db 21 GGGTCTGTGATGGGAGAGTCA 2

## RESULT 18

US-08-785-247-21  
; Sequence 21, Application US/08785247  
; Patent No. 6040149  
; GENERAL INFORMATION:  
; APPLICANT: Kolesnick, Richard N.  
; APPLICANT: Liu, Jun  
; APPLICANT: Zhang, Yuhua  
; TITLE OF INVENTION: ASSAY FOR IDENTIFYING AGENTS WHICH ACT ON THE  
; TITLE OF INVENTION: CERMIDE-ACTIVATED PROTEIN KINASE, KINASE  
; TITLE OF INVENTION: SUPPRESSOR OF RAS, AND METHODS OF USING SAID AGENTS  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooper & Dunham LLP  
; STREET: 1185 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION NUMBER: US/08/785,247  
; FILING DATE:  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.  
; REGISTRATION NUMBER: 28,678  
; REFERENCE/DOCKET NUMBER: 48582-A/JPW/CCA  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-278-0400  
; TELEFAX: 212-381-0526  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-785-247-21

Query Match 1.0%; Score 16.6; DB 1; Length 24;  
Best Local Similarity 82.6%; Pred. No. 90;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1619 CAGACCGAGGCGCCCGAGGCGAG 1641  
Db 2 CAGATCAAGGCGCTCAGCAGGCTG 24

RESULT 19  
US-09-347-114A-109/c  
; Sequence 109, Application US/09347114A  
; Patent No. 6297014  
; GENERAL INFORMATION:  
; APPLICANT: Kent D. Taylor (Inventor)  
; APPLICANT: Karen T. Scheuner (Inventor)  
; APPLICANT: Jerome I. Rottler (Inventor)  
; APPLICANT: Ruiying Yang (Inventor)  
; TITLE OF INVENTION: Genetic Test to Determine  
; FILE REFERENCE: P07 41878  
; CURRENT APPLICATION NUMBER: US/09/347,114A  
; CURRENT FILING DATE: 1999-07-02  
; NUMBER OF SEQ ID NOS: 110  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 109  
; LENGTH: 24  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-347-114A-109

Query Match 1.0%; Score 16.6; DB 1; Length 24;  
Best Local Similarity 82.6%; Pred. No. 90;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 848 ACCTGACACAGGACCTGAAGCAG 870  
Db 23 ACCTGACACAGAGCTTAAGCAG 1  
RESULT 20  
US-09-827-998-1391  
; Sequence 1391, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 1391  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-1391

Query Match 1.0%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 96;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1005 CAACGAGAGGGGAGAGCTCAAGC 1027  
Db 3 CAGCAAGAGGAGAGAGGCTCAAGC 25

RESULT 21  
US-09-827-998-1392  
; Sequence 1392, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 1392  
; LENGTH: 25  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-1392

Query Match 1.0%; Score 16.6; DB 1; Length 25;  
Best Local Similarity 82.6%; Pred. No. 96;  
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1005 CAACGAGAGGGGAGAGCTCAAGC 1027





## RESULT 25

US-08-951-923-51/c  
; Sequence 51, Application US/08951923  
; Patent No. 5981185  
; GENERAL INFORMATION:  
; APPLICANT: Bitter, Grant  
; TITLE OF INVENTION: PHENOTYPIC ASSAYS OF CYCLIN/CYCLIN-DEPENDENT KINASE  
; TITLE OF INVENTION: FUNCTION  
; NUMBER OF SEQUENCES: 57  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooley Godward LLP  
; STREET: 5 Palo Alto Square, 3000 El Camino Real  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94306-2155  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/951,923  
; FILING DATE: October 16, 1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Neeley, Richard L.  
; REGISTRATION NUMBER: 30,092  
; REFERENCE/DOCKET NUMBER: BITT-001/02US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650 843-5000  
; TELEFAX: 650 857-0663  
; TELEX: 380816COOLEYPA  
; INFORMATION FOR SEQ ID NO: 51:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: nucleic acid  
; STRANDEDNESS: single stranded  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-951-923-51

Query Match 0.9%; Score 16.4; DB 1; Length 18;  
Best Local Similarity 94.4%; Pred. No. 59;  
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1033 GACTTTGGCTGGCCGA 1050  
Db 18 GACTTTGGCTGGCCAGA 1

## RESULT 26

US-08-863-639A-48/c  
; Sequence 48, Application US/08863639A  
; Patent No. 5981185  
; GENERAL INFORMATION:  
; APPLICANT: Matson, Robert S.  
; APPLICANT: Coassin, Peter J.  
; APPLICANT: Rampal, Jang B.  
; APPLICANT: Caskey, C. T.  
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
; NUMBER OF SEQUENCES: 95  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sheldon & Mak  
; STREET: 225 South Lake Avenue, 9th Floor  
; CITY: Pasadena  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 91101  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage

; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Corel WordPerfect 8 version  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/863,639A  
; FILING DATE: May 28, 1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph E. Mueth  
; REGISTRATION NUMBER: 20,532  
; REFERENCE/DOCKET NUMBER: 11859-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (626) 796-4000  
; TELEFAX: (626) 795-6321  
; INFORMATION FOR SEQ ID NO: 48:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Other nucleic acid  
US-08-863-639A-48

Query Match 0.9%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 89;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 230 GTGGTGGTGGTGGCGCAGTG 250  
Db 21 GTGGTGGTGGTGGTGGTG 1

## RESULT 27

US-08-863-639A-76  
; Sequence 76, Application US/08863639A  
; Patent No. 5981185  
; GENERAL INFORMATION:  
; APPLICANT: Matson, Robert S.  
; APPLICANT: Coassin, Peter J.  
; APPLICANT: Rampal, Jang B.  
; APPLICANT: Caskey, C. T.  
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
; NUMBER OF SEQUENCES: 95  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sheldon & Mak  
; STREET: 225 South Lake Avenue, 9th Floor  
; CITY: Pasadena  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 91101  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: Corel WordPerfect 8 version  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/863,639A  
; FILING DATE: May 28, 1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph E. Mueth  
; REGISTRATION NUMBER: 20,532  
; REFERENCE/DOCKET NUMBER: 11859-1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (626) 796-4000  
; TELEFAX: (626) 795-6321  
; INFORMATION FOR SEQ ID NO: 76:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Other nucleic acid

US-08-863-639A-76

Query Match 0.9%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 89;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 230 GTGGTGTGTGGCGGCGAGTG 250  
Db 1 GTGGTGTGTGGTGTGGTGTGGTG 21

RESULT 28

US-09-726-774-65

; Sequence 65, Application US/09726774  
; Patent No. 6677153  
; GENERAL INFORMATION:  
; APPLICANT: Iversen, Patrick L.  
; TITLE OF INVENTION: Antisense Antibacterial Method and  
; TITLE OF INVENTION: Composition  
; FILE REFERENCE: 0450-0032.30  
; CURRENT APPLICATION NUMBER: US/09/726,774  
; CURRENT FILING DATE: 2000-11-29  
; PRIOR APPLICATION NUMBER: US 60/168,150  
; PRIOR FILING DATE: 1999-11-29  
; NUMBER OF SEQ ID NOS: 139  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 65  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense oligomer

US-09-726-774-65

Query Match 0.9%; Score 16.2; DB 1; Length 21;  
Best Local Similarity 85.7%; Pred. No. 89;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1439 ATGTCATGCAACATCCACTTCT 1459  
Db 1 ATGTCATGCAACATCCACTTCT 21

RESULT 29

US-08-401-512-38/c

; Sequence 38, Application US/08401512  
; Patent No. 559673  
; GENERAL INFORMATION:  
; APPLICANT: Keating, Mark T.  
; APPLICANT: Curran, Mark B.  
; APPLICANT: Wang, Qing  
; TITLE OF INVENTION: Long QT Syndrome Genes  
; NUMBER OF SEQUENCES: 81  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
; STREET: 1201 New York Avenue, Suite 1000  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-3917  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/401,512  
; FILING DATE: 09-MAR-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Saxe, Stephen A.  
; REGISTRATION NUMBER: 38,609  
; REFERENCE/DOCKET NUMBER: 19780-113879

TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-962-4848  
; TELEFAX: 202-962-8300  
; INFORMATION FOR SEQ ID NO: 38:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
; US-08-401-512-38

Query Match 0.9%; Score 16.2; DB 1; Length 23;  
Best Local Similarity 85.7%; Pred. No. 1.1e+02;  
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 698 CACTCAAGGAGATCAGACTGG 718  
Db 22 CACACAGGGAGATCAGACAGG 2

RESULT 30

US-08-746-559A-7/c

; Sequence 7, Application US/08746559A  
; Patent No. 6084085  
; GENERAL INFORMATION:  
; APPLICANT: Renato Baserga  
; APPLICANT: Mariana Resnicoff  
; APPLICANT: Consuelo D'Ambrosio  
; APPLICANT: Andre Ferber  
; TITLE OF INVENTION: Method of Inducing Resistance to Tumor Growth  
; NUMBER OF SEQUENCES: 7  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6084085ris LLP  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/746,559A  
; FILING DATE: 13-NOV-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/006,699  
; FILING DATE: 14-NOV-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul K. Legaard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: TJU-2063  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-746-559A-7

Query Match 0.9%; Score 16; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. NO. 92;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1100 GGTACCGGCCCCCTGA 1115  
Db 16 GGTACCGGCCCCCTGA 1

RESULT 31  
US-09-490-692-35  
; Sequence 35, Application US/09490692  
; Patent No. 6180353  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION  
; FILE REFERENCE: RTS-0120  
; CURRENT APPLICATION NUMBER: US/09/490,692  
; CURRENT FILING DATE: 2000-01-24  
; NUMBER OF SEQ ID NOS: 176  
; SEQ ID NO 35  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-490-692-35

Query Match 0.9%; Score 15.8; DB 1; Length 20;  
Best Local Similarity 89.5%; Pred. No. 1e+02;  
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 229 AGTGGTGGTGGGGCGCA 247  
Db 2 ATTGAGGTGGTGGCGCA 20

RESULT 32  
US-09-322-352A-5  
; Sequence 5, Application US/09322352A  
; Patent No. 6586192  
; GENERAL INFORMATION:  
; APPLICANT: PESCHLE, Cesare  
; APPLICANT: ZIEGLER, Benedikt L  
; TITLE OF INVENTION: Compositions and Methods for Use in Affecting Hematopoietic Stem  
; TITLE OF INVENTION: Populations in Mammals  
; FILE REFERENCE: 9855-26U1  
; CURRENT APPLICATION NUMBER: US/09/322,352A  
; CURRENT FILING DATE: 1993-03-28  
; PRIOR APPLICATION NUMBER: US 60/087,153  
; PRIOR FILING DATE: 1998-03-28  
; NUMBER OF SEQ ID NOS: 10  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 22  
; TYPE: DNA  
; ORGANISM: artificial sequence  
; FEATURE:  
; OTHER INFORMATION: VEGFR11/Flt4 Primer  
US-09-322-352A-5

Query Match 0.9%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.4e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 47 GACACGAGTGTGACTGTGAA 68  
Db 1 GACACGAGTGTGACCACTGAA 22

RESULT 33  
5164305-2/c  
; Patent No. 5164305  
; APPLICANT: Wong, Hing C.  
; TITLE OF INVENTION: STREPTOMYCES PROMOTER AND METHOD OF USE

;/THEREOF  
; NUMBER OF SEQUENCES: 4  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/466,981  
; FILING DATE: 18-JAN-1990  
; SEQ ID NO: 2  
; LENGTH: 22  
5164305-2

Query Match 0.9%; Score 15.6; DB 1; Length 22;  
Best Local Similarity 81.8%; Pred. No. 1.4e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 546 TGCAAGCCCTCAGCGCGCGC 567  
Db 22 TGCCACGCCGTGAGCGCGCGC 1

RESULT 34  
US-08-244-269-35/c  
; Sequence 35, Application US/08244269  
; Patent No. 5620847  
; GENERAL INFORMATION:  
; APPLICANT: Greisen, Kay S.  
; APPLICANT: Leong, Diane U.  
; TITLE OF INVENTION: Methods and Reagents for Detection of  
; TITLE OF INVENTION: Bacteria in Cerebrospinal Fluid  
; NUMBER OF SEQUENCES: 48  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hoffmann-La Roche Inc.  
; STREET: 340 Kingsland Street  
; CITY: Nutley  
; STATE: NJ  
; COUNTRY: U.S.A.  
; ZIP: 07110-1199  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/244,269  
; FILING DATE: 05-MAY-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/593,176  
; FILING DATE: 05-OCT-1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/696,448  
; FILING DATE: 06-MAY-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/738,393  
; FILING DATE: 31-JULY-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US 92/06365  
; FILING DATE: 31-JULY-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sias, Stacey R.  
; REGISTRATION NUMBER: 32,630  
; REFERENCE/DOCKET NUMBER: 8681  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (510) 814-2863  
; TELEFAX: (510) 522-1285  
; INFORMATION FOR SEQ ID NO: 35:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 23 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-244-269-35

Query Match 0.9%; Score 15.6; DB 1; Length 23;

Best Local Similarity 81.8%; Pred. No. 1.5e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 585 AACTGAGATTGGCTTTGGGAAA 606  
Db 23 AACTGAGATTGGCTTTAAGAGA 2

RESULT 35  
US-08-244-269-36  
Sequence 36, Application US/08244269  
Patent No. 5620847  
GENERAL INFORMATION:  
APPLICANT: Greisen, Kay S.  
APPLICANT: Leong, Diane U.  
TITLE OF INVENTION: Methods and Reagents for Detection of  
Bacteria in Cerebrospinal Fluid  
NUMBER OF SEQUENCES: 48  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: NJ  
COUNTRY: U.S.A.  
ZIP: 07110-1199  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,269  
FILING DATE: 05-MAY-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/593,176  
FILING DATE: 05-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/696,448  
FILING DATE: 06-MAY-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/738,393  
FILING DATE: 31-JULY-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US 92/06365  
FILING DATE: 31-JULY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Siab, Stacey R.  
REGISTRATION NUMBER: 32,630  
REFERENCE/DOCKET NUMBER: 8681  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2863  
TELEFAX: (510) 522-1285  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-244-269-36

Query Match 0.9%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 1.5e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 585 ATCTGAGATTGGCTTTGGGAAA 606  
Db 1 AACTGAGATTGGCTTTAAGAGA 22

RESULT 36  
US-08-468-551-9

Sequence 9, Application US/08468551  
Patent No. 5874212  
GENERAL INFORMATION:  
APPLICANT: Prockop, Darwin J.  
APPLICANT: Rock, Matthew J.  
TITLE OF INVENTION: DETECTION OF SINGLE BASE MUTATIONS AND  
OTHER VARIATIONS IN DOUBLE STRANDED DNA BY  
CONFORMATION-SENSITIVE CELL ELECTROPHORESIS  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.  
STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND  
FLOOR  
CITY: PHILADELPHIA  
STATE: PENNSYLVANIA  
COUNTRY: UNITED STATES  
ZIP: 19103-7086  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/468,551  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Doyle Leary Ph.D., Kathryn  
REGISTRATION NUMBER: 36,317  
REFERENCE/DOCKET NUMBER: 9855-5U1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-965-1284  
TELEFAX: 215-567-2991  
TELEX: 831-494  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-468-551-9

Query Match 0.9%; Score 15.6; DB 1; Length 23;  
Best Local Similarity 81.8%; Pred. No. 1.5e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 36 GTAGCAGGAGCAGCAGTG 57  
Db 1 GAAGCCAGGAGCAGCAGTG 22

RESULT 37  
US-08-160-670A-49/c  
Sequence 49, Application US/08160670A  
Patent No. 5449758  
GENERAL INFORMATION:  
APPLICANT: Hartley, James L.  
TITLE OF INVENTION: Protein Size Marker Ladder  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
US-08-160-670A-49/c

;; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/160,670A  
; FILING DATE: 12/2/93  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Esmond, Robert W.  
; REGISTRATION NUMBER: 32,893  
; REFERENCE/DOCKET NUMBER: 0942.2580000  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540  
; INFORMATION FOR SEQ ID NO: 49:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 24 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: both  
; US-08-160-670A-49

Query Match 0.9%; Score 15.6; DB 1; Length 24;  
Best Local Similarity 81.8%; Pred. No. 1.6e+02;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 233 GTGGTGGTGGCGGACGACCC 254  
|||||  
DB 24 GTGGTGGTGGTGGTGGTGGACCC 3

RESULT 38  
US-09-827-998-544  
; Sequence 544, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; FILE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; TITLE REFERENCE: MDAMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acmica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 544  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; US-09-827-998-544

Query Match 0.9%; Score 15.4; DB 1; Length 17;  
Best Local Similarity 94.1%; Pred. No. 98;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 287 AACTCGTTCTGCACGG 303  
|||||  
DB 1 AACTCGTTCTGCAGG 17

RESULT 39  
US-08-776-900C-24/c  
; Sequence 24, Application US/08776900C  
; Patent No. 6020477  
; GENERAL INFORMATION:  
; APPLICANT: DIU, Anita; FAUCHEU, Chi; Hercend, Thierry;  
; APPLICANT: LAJANNE, Jean-Louis; LIVINGSTON, David and  
; APPLICANT: SU, Michael  
; TITLE OF INVENTION: DNA SEQUENCES CODING FOR THE HUMAN  
; TITLE OF INVENTION: PROTEINS TX AND TY RELATED TO THE  
; TITLE OF INVENTION: INTERLEUKIN-1BETA CONVERTING ENZYME  
; NUMBER OF SEQUENCES: 42

;; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BIERMAN & MUSERLIAN  
; STREET: 600 THIRD AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10016  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/776,900C  
; FILING DATE: 30-APR-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/FR95/01035  
; FILING DATE: 01-AUG-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FR/94/09567  
; FILING DATE: 02-AUG-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: CHARLES A. MUSERLIAN  
; REGISTRATION NUMBER: 19,683  
; REFERENCE/DOCKET NUMBER: 146.1255  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 661-8000  
; TELEFAX: (212) 661-8002  
; INFORMATION FOR SEQ ID NO: 24:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; OTHER INFORMATION: SEQ ID NO: 22 from 685 to 703  
; US-08-776-900C-24

Query Match 0.9%; Score 15.4; DB 1; Length 19;  
Best Local Similarity 94.1%; Pred. No. 1.2e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1436 AGGATGCCATGAAACAT 1452  
|||||  
DB 18 AGGATGCCATGAGACAT 2

RESULT 40  
US-09-268-195C-24/c  
; Sequence 24, Application US/09268195C  
; Patent No. 6180386  
; GENERAL INFORMATION:  
; APPLICANT: ROUSSEL UCLAF  
; TITLE OF INVENTION: DNA SEQUENCES CODING FOR THE HUMAN  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ROUSSEL UCLAF  
; STREET: 102, Route de No. 6180386sy  
; CITY: ROMAINVILLE  
; COUNTRY: FRANCE  
; ZIP: 93230  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (OEB)  
; SOFTWARE: \* Corrections under WORDPERFECT 5.1 for SEQ ID NO 22  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/268,195C  
; FILING DATE: 15-MAR-1999  
; PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: FR 9409567
; FILING DATE: AUG-02-1994
; APPLICATION NUMBER: 776,900
; FILING DATE: JANUARY 31, 1998
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 19
;   TYPE: nucleotide
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: Other nucleic acid
;   DESCRIPTION: /desc = "OLIGONUCLEOTIDE"
;   FEATURE:
;     NAME/KEY: misc feature
;     LOCATION: 1..19
;     OTHER INFORMATION: /note= "SEQ ID NO 22 FROM 685 TO 703"
;
; US-09-268-195C-24
;
; Query Match          0.9%; Score 15.4; DB 1; Length 19;
; Best Local Similarity 94.1%; Pred. No. 1.2e+02;
; Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 1436 AGGATGCCATGAACAT 1452
; Db 18 AGGATGCCATGACAT 2
;
; RESULT 41
; US-08-846-020A-24
; Sequence 24, Application US/08846020A
; Patent No. 6090547
; GENERAL INFORMATION:
; APPLICANT: Drazen M.D., Jeffrey M.
; APPLICANT: In M.D., Kwang-Ho
; APPLICANT: Asano M.D., Koichiro
; APPLICANT: Beier, David
; APPLICANT: Grobholz, James
; TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence
; TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/846,020A
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Jarrell Ph.D., Brenda H.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 0092662-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248 4000
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; IMMEDIATE SOURCE:
; CLONE: Exon 5 sense primer
;
; US-09-268-195C-24
;
; Query Match          0.9%; Score 15.4; DB 1; Length 21;
; Best Local Similarity 94.1%; Pred. No. 1.4e+02;
; Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 992 AGAACCCTGCTCATCAAC 1008
; Db 4 AGAACCCTGCTCATCAAC 20
;
; RESULT 42
; US-09-617-871-24
; Sequence 24, Application US/09617871
; Patent No. 6355434
; GENERAL INFORMATION:
; APPLICANT: Drazen M.D., Jeffrey M.
; APPLICANT: In M.D., Kwang-Ho
; APPLICANT: Asano M.D., Koichiro
; APPLICANT: Beier, David
; APPLICANT: Grobholz, James
; TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence
; TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHOATE, HALL & STEWART
; STREET: 53 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109-2891
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/617,871
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/846,020
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jarrell Ph.D., Brenda H.
; REGISTRATION NUMBER: 39,223
; REFERENCE/DOCKET NUMBER: 0092662-0012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-5000
; TELEFAX: (617) 248 4000
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
; IMMEDIATE SOURCE:
; CLONE: Exon 5 sense primer
;
; US-09-617-871-24
;
; Query Match          0.9%; Score 15.4; DB 1; Length 21;
; Best Local Similarity 94.1%; Pred. No. 1.4e+02;
; Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; QY 992 AGAACCCTGCTCATCAAC 1008
; Db 4 AGAACCCTGCTCATCAAC 20
;
; RESULT 43
; US-09-065-040-6/c

```

; Sequence 6, Application US/09065040  
; Patent No. 6541217  
; GENERAL INFORMATION:  
; APPLICANT: Hiraoka, Atsunobu  
; APPLICANT: Sugimura, Atsushi  
; APPLICANT: Mio, Hiroyuki  
; TITLE OF INVENTION: HEMATOPOIETIC STEM CELL GROWTH FACTOR  
; TITLE OF INVENTION:  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FUNNEN, HENDERSON, FARABOW, GARRETT &  
; ADDRESSEE: DUNNEN, LLP  
; STREET: 1300 I Street, NW  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005-3315  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; SOFTWARE: Patent Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA: US/09/065,040  
; FILING DATE: 27-APR-1998  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 262252/1996  
; FILING DATE: 27-AUG-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 087242/1997  
; FILING DATE: 24-MAR-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/JP97/02349  
; FILING DATE: 07-JUL-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fordis, Jean B.  
; REGISTRATION NUMBER: 32,984  
; REFERENCE/DOCKET NUMBER: 04853.0026-00000  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-408-4000  
; TELEFAX: 202-408-4400  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "synthetic DNA"  
US-09-065-040-6  
Query Match 0.9%; Score 15.4; DB 1; Length 21;  
Best Local Similarity 94.1%; Pred. No. 1.4e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 614 CCTGATTAAAGCTGAC 630  
DB 19 CCTGATTAAAGCTGAC 3

RESULT 44  
US-09-198-243-2  
; Sequence 2, Application US/09198243  
; Patent No. 6183999  
; GENERAL INFORMATION:  
; APPLICANT: WEIMER, Thomas  
; APPLICANT: GROENER, Albrecht  
; TITLE OF INVENTION: Procedure for the detection of high virus  
; TITLE OF INVENTION: concentrations in blood plasma and/or blood serum by  
; TITLE OF INVENTION: means of the polymerase chain reaction  
; FILE REFERENCE: 06478.1419-00000  
; CURRENT APPLICATION NUMBER: US/09/198,243  
; CURRENT FILING DATE: 1998-11-24

; EARLIER APPLICATION NUMBER: P 197 52 898.9  
; EARLIER FILING DATE: 1997-11-28  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: Patent in Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 23  
; TYPE: DNA  
; ORGANISM: Parvovirus B19  
; FEATURE:  
; OTHER INFORMATION:  
US-09-198-243-2  
Query Match 0.9%; Score 15.4; DB 1; Length 23;  
Best Local Similarity 94.1%; Pred. No. 1.7e+02;  
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1226 AGGACAGCTACACTTC 1242  
DB 2 AGGACAGCTACACTTC 18

RESULT 45  
US-08-009-263C-34/C  
; Sequence 34, Application US/08009263C  
; Patent No. 5442049  
; GENERAL INFORMATION:  
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker  
; TITLE OF INVENTION: Oligonucleotides for Modulating the  
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections  
; NUMBER OF SEQUENCES: 88  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Maciewicz & No. 5442049ris  
; STREET: One Liberty Place -- 46th floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/009,263C  
; FILING DATE: January 25, 1993  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 927,506  
; FILING DATE: No. 5442049ember 13, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISIS-0844  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 34:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-009-263C-34  
Query Match 0.9%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.5e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149



```
Db 20 CGCAAGAGGAGGCAACG 1
|||||
RESULT 46
US-09-357-072-81
; Sequence 81, Application US/09357072
; Patent No. 6015712
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Brenda P. Baker
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PADD EXPRESSION
; FILE REFERENCE: R1S-0027
; CURRENT APPLICATION NUMBER: US/09/357,072
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-072-81
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 46 GGACCAAGCAGTGACTGCT 65
|||||
Db 1 GGAGTAACAGTGACTGCT 20
|||||

RESULT 47
US-09-205-428-3
; Sequence 3, Application US/09205428
; Patent No. 6068991
; GENERAL INFORMATION:
; APPLICANT: Liu, Suo W.
; APPLICANT: Franceschini, Thomas J.
; TITLE OF INVENTION: HIGH EXPRESSION ESCHERICHIA COLI EXPRESSION VECTOR
; FILE REFERENCE: ON0162aSequence
; CURRENT APPLICATION NUMBER: US/09/205,428
; CURRENT FILING DATE: 1998-12-04
; EARLIER APPLICATION NUMBER: 60/069,751
; EARLIER FILING DATE: 1997-12-16
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Escherichia coli
US-09-205-428-3
Query Match 0.98%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1433 CAGAGGATGCATGAACAT 1452
|||||
Db 1 CAGAGGATATCATGAAAAAT 20
|||||

RESULT 48
US-09-286-904-29/c
; Sequence 29, Application US/09286904A
; Patent No. 6140124
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
```

```
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0347
; CURRENT APPLICATION NUMBER: US/09/286,904A
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-286-904-29
Query Match 0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 764 TGCTCAAGGACCTCAACAC 783
|||||
Db 20 TGCTCAAGCACCCTGAAGCAC 1
|||||

RESULT 49
US-08-838-715B-34/c
; Sequence 34, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kisner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0204
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
```

;  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-838-715B-34

Query Match 0.9%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.5e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAACG 149  
Db 20 CGCAGAAGAAGACGCAACG 1

## RESULT 50

US-08-838-715B-89/c  
; Sequence 89, Application US/08838715B  
; Patent No. 6153595  
; GENERAL INFORMATION:  
; APPLICANT: Draper, Chapman, Kisner, Anderson  
; TITLE OF INVENTION: Composition and Method for Treatment  
; TITLE OF INVENTION: of CMV Infection  
; NUMBER OF SEQUENCES: 90  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jane Massey Licata, Esq.  
; STREET: 66 E. Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM 486

OPERATING SYSTEM: WINDOWS FOR WORKGROUPS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/838,715B

FILING DATE: April 9, 1997

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/568,366

FILING DATE: 8/16/90

APPLICATION NUMBER: 07/927,506

FILING DATE: 11/19/92

APPLICATION NUMBER: 08/009,263

FILING DATE: 1/25/93

APPLICATION NUMBER: 08/233,711

FILING DATE: 4/26/94

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0204

TELECOMMUNICATION INFORMATION:

TELEPHONE: (609) 779-2400

TELEFAX: (609) 810-1454

INFORMATION FOR SEQ ID NO: 89:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-838-715B-89

Query Match 0.9%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.5e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAACG 149  
Db 20 CGCAGAAGAAGACGCAACG 1

## RESULT 51

US-09-359-756-8  
; Sequence 8, Application US/09359756  
; Patent No. 6168950  
; GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: William Gaarde

APPLICANT: Donna T. Ward

APPLICANT: Lex M. Cowser

TITLE OF INVENTION: ANTISENSE MODULATION OF MEKK1 EXPRESSION

FILE REFERENCE: RTS-0077

CURRENT APPLICATION NUMBER: US/09/359,756

CURRENT FILING DATE: 1999-07-23

NUMBER OF SEQ ID NOS: 47

SEQ ID NO 8

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-359-756-8

Query Match 0.9%; Score 15.2; DB 1; Length 20;  
Best Local Similarity 85.0%; Pred. No. 1.5e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 552 GCCCTCAGCGCGCCTCC 571

Db 1 GCTCTCCGCGCGCCTGC 20

## RESULT 52

US-08-679-645-1259/c

; Sequence 1259, Application US/08679645

; Patent No. 6350934

; GENERAL INFORMATION:

APPLICANT: Zwick, Michael G.

APPLICANT: Edington, Brent E.

APPLICANT: McSwiggen, James A.

APPLICANT: Merlo, Patricia Ann Owens

APPLICANT: Guo, Lining

APPLICANT: Skokut, Thomas A.

APPLICANT: Young, Scott A.

APPLICANT: Folkerts, Otto

APPLICANT: Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR

TITLE OF INVENTION: MODULATION OF GENE EXPRESSION

TITLE OF INVENTION: IN PLANTS

NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/679,645

FILING DATE: July 12, 1996

CLASSIFICATION: 800

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

```
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 219/247
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1800
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1259:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-679-845-1259

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 377 CTTGAGCAGCTCTCGAT 396
Db 20 CATCAGCCAGGCATCGAT 1

RESULT 53
US-09-580-189-14/C
/ Sequence 14, Application US/09580189
/ Patent No. 6358888
/ GENERAL INFORMATION:
/ APPLICANT: Lim, David J.
/ APPLICANT: Chun, Young-Myoung
/ APPLICANT: Rhim, Joong S.
/ TITLE OF INVENTION: IMMORTALIZED HUMAN MIDDLE EAR EPITHELIAL CELL LINE
/ FILE REFERENCE: House Ear Institute/09902812
/ CURRENT APPLICATION NUMBER: US/09/580,189
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR FILING DATE: 1999-05-28
/ NUMBER OF SEQ ID NOS: 24
/ SOFTWARE: Patent In Ver. 2.1
/ SEQ ID NO 14
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-580-189-14

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1326 CAAGTACCGAGCCGAGGCC 1345
Db 20 CAAGTACTCAGCAGAGGCC 1

RESULT 54
US-09-702-327-54/C
/ Sequence 54, Application US/09702327
/ Patent No. 6426220
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
/ FILE REFERENCE: RTS-0097
/ CURRENT APPLICATION NUMBER: US/09/702,327
/ CURRENT FILING DATE: 2000-10-30
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 54
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:

/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-327-54

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 540 CATCTTTGACAGCCCTCA 559
Db 20 CATCTTTGACAACTTCTCA 1

RESULT 55
US-09-792-594-83/C
/ Sequence 83, Application US/09792594
/ Patent No. 6436706
/ GENERAL INFORMATION:
/ APPLICANT: Donna T. Ward
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL4 EXPRESSION
/ FILE REFERENCE: RTS-0209
/ CURRENT APPLICATION NUMBER: US/09/792,594
/ CURRENT FILING DATE: 2001-02-23
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 83
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:

/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-792-594-83

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1160 GGGGTGTGGCTGCATCTTC 1179
Db 20 GGGCTGTGGCCGCACTTC 1

RESULT 56
US-09-676-610B-172
/ Sequence 172, Application US/09676610B
/ Patent No. 6444465
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Jacqueline Wyatt
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
/ FILE REFERENCE: RTS-0138
/ CURRENT APPLICATION NUMBER: US/09/676,610B
/ CURRENT FILING DATE: 2000-09-29
/ NUMBER OF SEQ ID NOS: 182
/ SEQ ID NO 172
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:

/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-610B-172

Query Match      0.9%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 950 ACTGCCACCGGAGAGGTG 969
Db 1 AATGCCACCGGAGGATGTG 20

RESULT 57
US-09-640-101-29/C
```

; Sequence 29, Application US/09640101

; Patent No. 6448079

; GENERAL INFORMATION:

; APPLICANT: Monia, Brett P.

; APPLICANT: Gaarde, William A.

; APPLICANT: Nero, Pamela S.

; APPLICANT: McKay, Robert

; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen

; FILE REFERENCE: ISPH-0488

; CURRENT APPLICATION NUMBER: US/09/640.101

; CURRENT FILING DATE: 2000-08-15

; PRIOR APPLICATION NUMBER: 09/286,904

; PRIOR FILING DATE: 1999-04-06

; NUMBER OF SEQ ID NOS: 107

; SOFTWARE: Patent In Ver. 2.0

; SEQ ID NO 29

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: antisense sequence

US-09-640-101-29

Query Match 0.9%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.5e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGACCTCAACAC 783

Db 20 TGCTCAAGACCTCAAGCAC 1

RESULT 58

US-09-860-473-163/c

; Sequence 163, Application US/09860473

; Patent No. 6656732

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Andrew T. Watt

; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION

; FILE REFERENCE: RTS-0222

; CURRENT APPLICATION NUMBER: US/09/860,473

; CURRENT FILING DATE: 2001-05-18

; NUMBER OF SEQ ID NOS: 169

; SEQ ID NO 163

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-860-473-163

Query Match 0.9%; Score 15.2; DB 1; Length 20;

Best Local Similarity 85.0%; Pred. No. 1.5e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1028 TGCGCGACTTGGCTGGCC 1047

Db 20 TGCGCGACTTGGCTGGCC 1

RESULT 59

US-08-009-263C-22/c

; Sequence 22, Application US/08009263C

; Patent No. 5442049

; GENERAL INFORMATION:

; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker

; TITLE OF INVENTION: Oligonucleotides for Modulating the

; EFFECTS OF CYTOMEGALOVIRUS INFECTIONS

; NUMBER OF SEQUENCES: 88

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz

; ADDRESSEE: Mackiewicz & No. 5442049ris

; STREET: One Liberty Place -- 46th floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: USA

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; OPERATING SYSTEM: PC-DOS

; SOFTWARE: WORDPERFECT 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/009,263C

; FILING DATE: January 25, 1993

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 927,506

; FILING DATE: No. 5442049ember 19, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Jane Massey Licata

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISIS-0844

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-3100

; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 22:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; HYPOTHETICAL: NO

; ANTI-SENSE: YES

US-08-009-263C-22

Query Match

Best Local Similarity 0.9%; Score 15.2; DB 1; Length 21;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149

Db 21 CGCAAGAAGAGAGCAACG 2

RESULT 60

US-08-009-263C-88

; Sequence 88, Application US/08009263C

; Patent No. 5442049

; GENERAL INFORMATION:

; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker

; TITLE OF INVENTION: Oligonucleotides for Modulating the

; EFFECTS OF CYTOMEGALOVIRUS INFECTIONS

; NUMBER OF SEQUENCES: 88

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz

; STREET: One Liberty Place -- 46th floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: USA

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; OPERATING SYSTEM: PC-DOS

; SOFTWARE: WORDPERFECT 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/009,263C

; FILING DATE: January 25, 1993

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 927,506

US-08-468-447-7

ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &  
ADDRESS: No. 5591720ris  
STREET: One Liberty Place -- 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb  
MEDIUM TYPE: STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/927,506  
FILING DATE: 19921119  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Licata, Jane M.  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0408  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-07-927-506-22

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 130 CGGATGAAGAAGATCAACG 149  
Db 21 CGCAAGAAGAGACCAACG 2

RESULT 64  
US-08-233-711-1/c  
Sequence 1, Application US/08233711  
Patent No. 5595978  
GENERAL INFORMATION:  
APPLICANT: Draper, Chapman and Kisher  
TITLE OF INVENTION: Composition and Method for Treating  
TITLE OF INVENTION: CMV Infections  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jane Massey Licata, Esq.  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/233.711  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/568,366  
FILING DATE: 8/16/90  
APPLICATION NUMBER: PCT/US91/05815

FILING DATE: 8/14/91  
APPLICATION NUMBER: 07/927,506  
FILING DATE: 11/19/92  
APPLICATION NUMBER: 08/009,263  
FILING DATE: 1/25/93  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0093  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-233-711-1

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 130 CGGATGAAGAAGATCAACG 149  
Db 21 CGCAAGAAGAGACCAACG 2

RESULT 65  
US-08-467-597A-7/c  
Sequence 7, Application US/08467597A  
Patent No. 5607923  
GENERAL INFORMATION:  
APPLICANT: Phillip Dan Cook and Glenn Hoke  
TITLE OF INVENTION: Oligonucleotides For Modulating  
TITLE OF INVENTION: Cytomegalovirus Having Phosphorothioate Linkages Of High Ch  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5607923ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/467,597A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 297,703  
FILING DATE: 29-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucsi  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2007  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-467-597A-7

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149  
Db 21 CGCAGAAGAGAGCAACG 2

## RESULT 66

US-08-468-569A-7/c  
Sequence 7, Application US/08468569A  
Patent No. 5620963  
GENERAL INFORMATION:  
APPLICANT: Cook and Hoke  
TITLE OF INVENTION: OLIGONUCLEOTIDES FOR MODULATING PROTEIN  
TITLE OF INVENTION: KINASE C HAVING PHOSPHOROTHIOATE LINKAGES  
TITLE OF INVENTION: AND HIGH CHIRAL PURITY  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5620963ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 KB  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/468,569A  
FILING DATE: 06-JUN-1995

CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 297,703

FILING DATE: 29-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci

REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2009

TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21

TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)

US-08-468-569A-7

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149  
Db 21 CGCAGAAGAGAGCAACG 2

## RESULT 67

US-08-113-993A-1/c  
Sequence 1, Application US/08113993A  
Patent No. 5629150  
GENERAL INFORMATION:  
APPLICANT: Tadeusz Krzyzstof Wyrzykiewicz

TITLE OF INVENTION: METHODS FOR CHARACTERIZING  
TITLE OF INVENTION: PHOSPHOROTHIOATE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 2  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &  
ADDRESSEE: No. 5629150ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/113,993A  
FILING DATE: August 30, 1993

CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:

ATTORNEY/AGENT INFORMATION:  
NAME: John W. Caldwell  
REGISTRATION NUMBER: 28,937

REFERENCE/DOCKET NUMBER: ISIS-1118  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21

TYPE: nucleotide  
STRANDEDNESS: single  
TOPOLOGY: unknown

US-08-113-993A-1

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149  
Db 21 CGCAGAAGAGAGCAACG 2

## RESULT 68

US-08-466-692A-7/c  
Sequence 7, Application US/08466692A  
Patent No. 5654284

GENERAL INFORMATION:  
APPLICANT: Cook and Hoke

TITLE OF INVENTION: OLIGONUCLEOTIDES FOR MODULATING RAF KINASE  
TITLE OF INVENTION: HAVING PHOSPHOROTHIOATE LINKAGES OF HIGH  
TITLE OF INVENTION: CHIRAL PURITY

NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5654284ris  
STREET: One Liberty place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 KB  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,692A  
FILING DATE: 06-JUN-1995

CLASSIFICATION: 536

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 297,703  
; FILING DATE: 29-AUG-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph Lucci  
; REGISTRATION NUMBER: 33,307  
; REFERENCE/DOCKET NUMBER: ISIS-2010  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-466-892A-7

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149  
Db 21 CGCAAGAGAGAGCAACG 2

RESULT 69  
US-08-471-966A-7/c  
; Sequence 7, Application US/08471966A  
; Patent No. 5661134  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook and Glenn Hoke  
; TITLE OF INVENTION: Oligonucleotides For Modulating Ha-ras or  
; TITLE OF INVENTION: Ki-ras Having Phosphorothioate Linkages Of High Chiral Purity  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5661134ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 720 Kb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordperfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/471,966A  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 297,703  
; FILING DATE: 29-AUG-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph Lucci  
; REGISTRATION NUMBER: 33,307  
; REFERENCE/DOCKET NUMBER: ISIS-2011  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-471-966A-7

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
US-08-471-966A-7

Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149  
Db 21 CGCAAGAGAGAGCAACG 2

RESULT 70  
US-08-784-498-1/c  
; Sequence 1, Application US/08784498  
; Patent No. 5767102  
; GENERAL INFORMATION:  
; APPLICANT: Draper, Chapman and Kisner  
; TITLE OF INVENTION: Composition and Method for Treating  
; TITLE OF INVENTION: CMV Infections  
; NUMBER OF SEQUENCES: 1  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jane Massey Licata, Esq.  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/784,498  
; FILING DATE: 17-JAN-1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/233,711  
; FILING DATE: 26-APR-1994  
; APPLICATION NUMBER: 07/568,366  
; FILING DATE: 8/16/90  
; APPLICATION NUMBER: PCT/US91/05815  
; FILING DATE: 8/14/91  
; APPLICATION NUMBER: 07/927,506  
; FILING DATE: 11/19/92  
; APPLICATION NUMBER: 08/009,263  
; FILING DATE: 1/25/93  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0093  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-784-498-1

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149  
Db 21 CGCAAGAGAGAGCAACG 2

RESULT 71  
US-08-451-777A-10



```

; Sequence 10, Application US/08451777A
; Patent No. 5789223
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.
; TITLE OF INVENTION: Human Galactokinase Gene
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corp./Corporate
; ADDRESSEE: Intellectual Property
; STREET: 709 Swedeland Road/UW2220
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,777A
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/10825
; FILING DATE: 23-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Eagle, Alesia M.
; REGISTRATION NUMBER: 37,126
; REFERENCE/DOCKET NUMBER: P50268-1B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5364
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-451-777A-10
;
; Query Match 0.9%; Score 15.2; DB 1; Length 21;
; Best Local Similarity 85.0%; Pred. No. 1.6e+02;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
Qy 927 CCAGCTGCTCCGCTGGCTGG 946
Db 2 CCAGCAGCTCCGCGACTGG 21
;
RESULT 72
US-08-249-386A-24/c
; Sequence 24, Application US/08249386A
; Patent No. 5801235
; GENERAL INFORMATION:
; APPLICANT: Gregory S. Pari
; TITLE OF INVENTION: Oligonucleotides with Anti-Cytomegalovirus
; TITLE OF INVENTION: Activity
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lappin & Kusner
; STREET: 200 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/249,386A
; FILING DATE: May 25, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Kerner, Ann-Louise
; REGISTRATION NUMBER: 33,523
; REFERENCE/DOCKET NUMBER: HY2-020
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-330-1300
; TELEFAX: 617-330-1311
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-249-386A-24
;
; Query Match 0.9%; Score 15.2; DB 1; Length 21;
; Best Local Similarity 85.0%; Pred. No. 1.6e+02;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
Qy 130 CGGATGAGGAGGATCAACG 149
Db 21 CGCAAGAGAGAGGAGCAACG 2
;
RESULT 73
US-08-451-778A-10
; Sequence 10, Application US/08451778A
; Patent No. 5830649
; GENERAL INFORMATION:
; APPLICANT: Bergsma, Derk J.
; TITLE OF INVENTION: Human Galactokinase Gene
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corp./Corporate
; ADDRESSEE: Intellectual Property
; STREET: 709 Swedeland Road/UW2220
; CITY: King of Prussia
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/451,778A
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/10825
; FILING DATE: 23-SEP-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Eagle, Alesia M.
; REGISTRATION NUMBER: 37,126
; REFERENCE/DOCKET NUMBER: P50268-1B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5364
; TELEFAX: 610-270-5090
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```

MOLECULE TYPE: DNA (genomic)  
US-08-451-778A-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGCGCTGG 946  
|||||  
Db 2 CCAGCAGCTCCGCGACCTGG 21

RESULT 74

US-08-468-037A-18/c  
; Sequence 18, Application US/08468037A  
; Patent No. 5859221  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: A. Kawasaki  
; TITLE OF INVENTION: 2'-Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/468,037A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 835,932  
FILING DATE: 05-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-468-037A-18

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAGAGATCAACG 149  
|||||  
Db 21 CGCAAGAGAGAGCAACG 2

RESULT 75

US-08-468-037A-19/c  
; Sequence 19, Application US/08468037A  
; Patent No. 5859221  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: A. Kawasaki  
; TITLE OF INVENTION: 2'-Modified Oligonucleotides

NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5859221ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/468,037A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 835,932  
FILING DATE: 05-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2004  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 19:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-468-037A-19

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAGAGATCAACG 149  
|||||  
Db 21 CGCAAGAGAGAGCAACG 2

RESULT 76

US-08-471-973A-18/c  
; Sequence 18, Application US/08471973A  
; Patent No. 5872322  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: Andrew Kawasaki  
; TITLE OF INVENTION: Sugar Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5872322ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/471,973A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 835,932  
FILING DATE: 05-MAR-1992

ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2005  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-471-973A-19

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149  
Db 21 CGCAAGAGAGAGCAACG 2

## RESULT 77

US-08-471-973A-19/C  
Sequence 19, Application US/08471973A  
Patent No. 5872232  
GENERAL INFORMATION:  
APPLICANT: Phillip Dan Cook  
APPLICANT: Andrew Kawasaki  
TITLE OF INVENTION: Sugar Modified Oligonucleotides  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 5872232ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/471,973A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 835,932  
FILING DATE: 05-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2005  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 19:

SEQUENCE CHARACTERISTICS:  
LENGTH: 21 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-471-973A-19

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAGATCAACG 149  
Db 21 CGCAAGAGAGAGCAACG 2

## RESULT 78

US-08-998-208-10  
Sequence 10, Application US/08998208  
Patent No. 580105  
GENERAL INFORMATION:  
APPLICANT: Bergsma, Derk J.  
APPLICANT: Stambolian, Dwight  
TITLE OF INVENTION: Human Galactokinase Gene  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SmithKline Beecham Corp./Corporate  
ADDRESSEE: Intellectual Property  
STREET: 709 Swedeland Road/UM2220  
CITY: King of Prussia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19406-0939  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/998,208  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/451,777  
FILING DATE: 26-MAY-1995  
APPLICATION NUMBER: PCT/US94/10825  
FILING DATE: 23-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Eagle, Alissa M.  
REGISTRATION NUMBER: 37,126  
REFERENCE/DOCKET NUMBER: P50268-1B  
TELEPHONE: 610-270-5364  
TELEFAX: 610-270-5090  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-998-208-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 927 CCAGCTGCTCCGTGGCTGG 946  
Db 2 CCAGCAGCTCCGCACTGG 21

## RESULT 79

US-08-465-880-23/c  
Sequence 23, Application US/08465880  
Patent No. 5955589  
GENERAL INFORMATION:  
APPLICANT: Philip Dan Cook  
TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides  
NUMBER OF SEQUENCES: 28  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955589ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia

STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,880  
FILING DATE: Herewith  
CLASSIFICATION: 514  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 244,993  
FILING DATE: 21-JUN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-465-880-23

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149  
DB 21 CGCAAGAAGAGAGCAACG 2

RESULT 80  
US-08-465-880-24/c  
Sequence 24, Application US/08/465880  
Patent No. 5955589  
GENERAL INFORMATION:  
APPLICANT: Philip Dan Cook  
TITLE OF INVENTION: Gapped 2' Modified Oligonucleotides  
NUMBER OF SEQUENCES: 28  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955589-ri  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: U.S.A.  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch disk, 720 Kb  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/465,880  
FILING DATE: Herewith  
CLASSIFICATION: 514  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 244,993  
FILING DATE: 21-JUN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph Lucci  
REGISTRATION NUMBER: 33,307  
REFERENCE/DOCKET NUMBER: ISIS-2002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100

TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-465-880-24

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149  
DB 21 CGCAAGAAGAGAGCAACG 2

RESULT 81  
US-08-863-639A-36/c  
Sequence 36, Application US/08863639A  
Patent No. 5981185  
GENERAL INFORMATION:  
APPLICANT: Matsun, Robert S.  
APPLICANT: Coassin, Peter J.  
APPLICANT: Rampal, Jang B.  
APPLICANT: Caskey, C.T.  
TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS  
NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheldon & Mak  
STREET: 225 South Lake Avenue, 9th Floor  
CITY: Pasadena  
STATE: CA  
COUNTRY: USA  
ZIP: 91101  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: Corel WordPerfect 8 version  
CURRENT APPLICATION DATA: US/08/863,639A  
APPLICATION NUMBER: US/08/863,639A  
FILING DATE: May 28, 1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Joseph E. Mueh  
REGISTRATION NUMBER: 20,532  
REFERENCE/DOCKET NUMBER: 11859-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
US-08-863-639A-36

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGGCGT 249  
DB 20 GTGGTGGTGGTGGTGGT 1

RESULT 82  
US-08-863-639A-50/c

Query Match	0.9%;	Score 15.2;	DB 1;	Length 21;
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Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGCGGCAGTG 250  
DB 1 TGGTGGTGGTGGTGGTGGTG 20

RESULT 85  
US-09-035-357-18/c  
; Sequence 18, Application US/09035357  
; Patent No. 6005087  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: A. Kawasaki  
; TITLE OF INVENTION: 2'-Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6005087ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 720 Kb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/035,357  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/468,037  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph Lucci  
; REGISTRATION NUMBER: 33,307  
; REFERENCE/DOCKET NUMBER: ISIS-2004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: yes  
US-09-035-357-18

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAGAGATCAACG 149  
DB 21 CGCAAGAAGAGAGCAACG 2

RESULT 86  
US-09-035-357-19/c  
; Sequence 19, Application US/09035357  
; Patent No. 6005087  
; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook  
; APPLICANT: A. Kawasaki  
; TITLE OF INVENTION: 2'-Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6005087ris  
; STREET: One Liberty Place - 46th Floor

; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: U.S.A.  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 720 Kb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/035,357  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/468,037  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph Lucci  
; REGISTRATION NUMBER: 33,307  
; REFERENCE/DOCKET NUMBER: ISIS-2004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 19:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: yes  
US-09-035-357-19

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAGAGATCAACG 149  
DB 21 CGCAAGAAGAGAGCAACG 2

RESULT 87  
US-08-951-923-26/c  
; Sequence 26, Application US/08951923  
; Patent No. 6048693  
; GENERAL INFORMATION:  
; APPLICANT: Bitter, Grant  
; TITLE OF INVENTION: PHENOTYPIC ASSAYS OF CYCLIN/CYCLIN-DEPENDENT KINASE  
; NUMBER OF SEQUENCES: 57  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooley Godward LLP  
; STREET: 5 Palo Alto Square, 3000 El Camino Real  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: US  
; ZIP: 94306-2155  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/951,923  
; FILING DATE: October 16, 1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Neeley, Richard L.  
; REGISTRATION NUMBER: 30,092  
; REFERENCE/DOCKET NUMBER: BITT-001/02US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650 843-5000  
; TELEFAX: 650 857-0663

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; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-951-923-26

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1033 GAC TTG CCTG GCG CCG AGC 1052
Db 21 GAC TTG GACT AGC CAG C 2

RESULT 88
US-08-950-779-3/c
; Sequence 3, Application US/08950779
; Patent No. 6114519
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasulunga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: Synthesis of Sulfurized Oligonucleotides
; FILE REFERENCE: ISIS2585
; CURRENT APPLICATION NUMBER: US/08/950,779
; CURRENT FILING DATE: 1997-10-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: No. 6114519el Sequence
US-08-950-779-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
Db 21 CGCAGAAGAAGAGCAACG 2

RESULT 89
US-08-950-779-7/c
; Sequence 7, Application US/08950779
; Patent No. 6114519
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasulunga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: Synthesis of Sulfurized Oligonucleotides
; FILE REFERENCE: ISIS2585
; CURRENT APPLICATION NUMBER: US/08/950,779
; CURRENT FILING DATE: 1997-10-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: No. 6114519el
; OTHER INFORMATION: Sequence
US-08-950-779-7

; TELEX: 380816COOLEYPA
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-951-923-26

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1033 GAC TTG CCTG GCG CCG AGC 1052
Db 21 GAC TTG GACT AGC CAG C 2

RESULT 88
US-08-950-779-3/c
; Sequence 3, Application US/08950779
; Patent No. 6114519
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasulunga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: Synthesis of Sulfurized Oligonucleotides
; FILE REFERENCE: ISIS2585
; CURRENT APPLICATION NUMBER: US/08/950,779
; CURRENT FILING DATE: 1997-10-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: No. 6114519el Sequence
US-08-950-779-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
Db 21 CGCAGAAGAAGAGCAACG 2

RESULT 89
US-08-950-779-7/c
; Sequence 7, Application US/08950779
; Patent No. 6114519
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasulunga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: Synthesis of Sulfurized Oligonucleotides
; FILE REFERENCE: ISIS2585
; CURRENT APPLICATION NUMBER: US/08/950,779
; CURRENT FILING DATE: 1997-10-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: No. 6114519el
; OTHER INFORMATION: Sequence
US-08-950-779-7

; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: No. 6114519el Sequence
US-08-950-779-7

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
Db 21 CGCAGAAGAAGAGCAACG 2

RESULT 90
US-08-838-715B-22/c
; Sequence 22, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kianer, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0204
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-838-715B-22

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAACG 149
Db 21 CGCAGAAGAAGAGCAACG 2
```

RESULT 91  
US-08-838-715B-88  
; Sequence 88, Application US/08838715B  
; Patent No. 6153595  
; GENERAL INFORMATION:  
; APPLICANT: Draper, Chapman, Kinsner, Anderson  
; TITLE OF INVENTION: Composition and Method for Treatment  
; TITLE OF INVENTION: of CMV Infection  
; NUMBER OF SEQUENCES: 90  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jane Massey Licata, Esq.  
; STREET: 66 E. Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/838,715B  
; FILING DATE: April 9, 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/568,366  
; FILING DATE: 8/16/90  
; APPLICATION NUMBER: 07/927,506  
; FILING DATE: 11/19/92  
; APPLICATION NUMBER: 08/009,263  
; FILING DATE: 1/25/93  
; APPLICATION NUMBER: 08/233,711  
; FILING DATE: 4/26/94  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0204  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 810-1454  
; INFORMATION FOR SEQ ID NO: 88:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
US-08-838-715B-88  
Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 130 CGGATGAAGAGATCAACG 149  
Db 1 CGCAAGAAGAGAGCAACG 20  
RESULT 92  
US-09-414-145-3/c  
; Sequence 3, Application US/09414145  
; Patent No. 6160152  
; GENERAL INFORMATION:  
; APPLICANT: Capaldi, Daniel C  
; APPLICANT: Ravikumar, Vasulunga T  
; TITLE OF INVENTION: Improved Process For The Synthesis Of Oligomeric  
; TITLE OF INVENTION: Compounds  
; FILE REFERENCE: ISIS4179  
; CURRENT APPLICATION NUMBER: US/09/414,145

; CURRENT FILING DATE: 1999-10-07  
; PRIOR FILING DATE: 08/021,277  
; PRIOR FILING DATE: 1993-02-22  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6160152el  
; OTHER INFORMATION: Sequence  
US-09-414-145-3  
Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 130 CGGATGAAGAGATCAACG 149  
Db 21 CGCAAGAAGAGAGCAACG 2  
RESULT 93  
US-09-177-953-3/c  
; Sequence 3, Application US/09177953  
; Patent No. 6274725  
; GENERAL INFORMATION:  
; APPLICANT: Sanghvi, Yogesh  
; APPLICANT: Ravikumar, Vasulunga T.  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis  
; FILE REFERENCE: ISIS3148  
; CURRENT APPLICATION NUMBER: US/09/177,953  
; CURRENT FILING DATE: 1998-10-23  
; PRIOR FILING DATE: 1998-10-23  
; PRIOR APPLICATION NUMBER: 60/087,757  
; PRIOR FILING DATE: 1998-06-02  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6274735el Sequence  
US-09-177-953-3  
Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 130 CGGATGAAGAGATCAACG 149  
Db 21 CGCAAGAAGAGAGCAACG 2  
RESULT 94  
US-09-177-953-12/c  
; Sequence 12, Application US/09177953  
; Patent No. 6274725  
; GENERAL INFORMATION:  
; APPLICANT: Sanghvi, Yogesh  
; APPLICANT: Ravikumar, Vasulunga T.  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis  
; FILE REFERENCE: ISIS3148  
; CURRENT APPLICATION NUMBER: US/09/177,953  
; CURRENT FILING DATE: 1998-10-23  
; PRIOR FILING DATE: 1998-10-23  
; PRIOR APPLICATION NUMBER: 60/087,757  
; PRIOR FILING DATE: 1998-06-02  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 12



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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6274725el Sequence
US-09-177-953-12

Query Match      0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAGAGAGCAAAACG 2

RESULT 95
US-09-177-953-26/c
; Sequence 26, Application US/09177953
; Patent No. 6274725
; GENERAL INFORMATION:
; APPLICANT: Sanghvi, Yogesh
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS3148
; CURRENT APPLICATION NUMBER: US/09/177,953
; CURRENT FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6274725el Sequence
US-09-177-953-26

Query Match      0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAGAGAGCAAAACG 2

RESULT 96
US-09-177-953-34/c
; Sequence 34, Application US/09177953
; Patent No. 6274725
; GENERAL INFORMATION:
; APPLICANT: Sanghvi, Yogesh
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS3148
; CURRENT APPLICATION NUMBER: US/09/177,953
; CURRENT FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6274725el Sequence
US-09-177-953-34
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Query Match      0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAGAGAGCAAAACG 2

RESULT 97
US-09-177-953-41/c
; Sequence 41, Application US/09177953
; Patent No. 6274725
; GENERAL INFORMATION:
; APPLICANT: Sanghvi, Yogesh
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS3148
; CURRENT APPLICATION NUMBER: US/09/177,953
; CURRENT FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6274725el Sequence
US-09-177-953-41

Query Match      0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAGAGAGCAAAACG 2

RESULT 98
US-09-111-678-3/c
; Sequence 3, Application US/09111678
; Patent No. 6326478
; GENERAL INFORMATION:
; APPLICANT: Cheruvallath, Zacharia S
; APPLICANT: Ravikumar, Vasulinga T
; APPLICANT: Cole, Douglas L
; TITLE OF INVENTION: Process For The Synthesis Of Oligomeric Compounds
; FILE REFERENCE: ISIS2853
; CURRENT APPLICATION NUMBER: US/09/111,678
; CURRENT FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6326478el
US-09-111-678-3

Query Match      0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAGAGAGCAAAACG 2
```

RESULT 99  
 US-08-829-637A-128/c  
 : Sequence 128, Application US/08829637A  
 : Patent No. 6339066  
 : GENERAL INFORMATION:  
 : APPLICANT: C. Frank Bennett  
 : APPLICANT: Phillip Dan Cook  
 : APPLICANT: Nicholas Dean  
 : APPLICANT: Glenn Hoke  
 : TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE  
 : TITLE OF INVENTION: PHOSPHOROTHOATE LINKAGES OF HIGH CHIRAL PURITY AND  
 : TITLE OF INVENTION: WHICH MODULATE ai, ail, , k, n, AND ISOFORMS OF  
 : TITLE OF INVENTION: PROTEIN KINASE C  
 : NUMBER OF SEQUENCES: 136  
 : CORRESPONDENCE ADDRESS:  
 : ADDRESSEE: John W. Caldwell (28,937) Woodcock  
 : ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris  
 : STREET: One Liberty Place - 46th Floor  
 : CITY: Philadelphia  
 : STATE: PA  
 : COUNTRY: USA  
 : ZIP: 19103  
 : COMPUTER READABLE FORM:  
 : MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
 : COMPUTER: IBM PS/2  
 : OPERATING SYSTEM: PC-DOS  
 : SOFTWARE: WORDPERFECT 6.1  
 : CURRENT APPLICATION DATA:  
 : APPLICATION NUMBER: US/08/829,637A  
 : FILING DATE: herewith  
 : CLASSIFICATION: 514  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: US 08/481,066  
 : FILING DATE: 07-JUN-1995  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: US 08/470,129  
 : FILING DATE: 06-JUN-1995  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: US 08/469,851  
 : FILING DATE: 06-JUN-1995  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: US 08/468,569  
 : FILING DATE: 06-JUN-1995  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: US 07/089,996  
 : FILING DATE: 09-JUL-1993  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: US 08/058,023  
 : FILING DATE: 05-MAY-1993  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: US 07/777,007  
 : FILING DATE: 16-OCT-1991  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: US 07/777,760  
 : FILING DATE: 15-OCT-1991  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: US 07/852,852  
 : FILING DATE: 16-MAR-1992  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: PCT/US91/00243  
 : FILING DATE: 11-JAN-1991  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: US 07/566,977  
 : FILING DATE: 13-AUG-1990  
 : PRIOR APPLICATION DATA:  
 : APPLICATION NUMBER: US 07/436,358  
 : FILING DATE: 11-JAN-1990  
 : ATTORNEY/AGENT INFORMATION:  
 : NAME:  
 : REGISTRATION NUMBER:  
 : REFERENCE/DOCKET NUMBER: ISTS-  
 : TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 128:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-823-637A-128

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17: Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAACG 149  
DB 21 CGCAAGAAGAAGAGCAAACG 2

```

RESULT 100
US-09-287-175-3/c
; Sequence 3, Application US/09287175
; Patent No. 6379698
; GENERAL INFORMATION:
; APPLICANT: LEAMON, Christopher P
; TITLE OF INVENTION: FUSOGENIC LIPIDS AND VESICLES
; FILE REFERENCE: 049202/2002
; CURRENT APPLICATION NUMBER: US/09/287,175
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; - OTHER INFORMATION: Oligonucleotide
US-09-287-175-3

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Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAAGAAGATCAAACG 149  
Db 21 CGCAAGAAGAAGAGCAAACG 2

```

RESULT 101
US-09-287-175-6/c
; Sequence 6, Application US/09287175
; Patent No. 6379698
; GENERAL INFORMATION:
; APPLICANT: LEAMON, Christopher P
; TITLE OF INVENTION: FUSOGENIC LIPIDS AND VESICLES
; FILE REFERENCE: 049202/2002
; CURRENT APPLICATION NUMBER: US/09/287,175
; CURRENT FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide
US-09-287-175-6

```

Query Match	0.9%;	Score 15.2;	DB 1;	Length 21;
Best Local Similarity	85.0%;	Pred. No. 1.6e+02;		

; ;  
; ADDRESS: Woodcock Washburn Kurtz Mackiewicz and No. 6399754ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia

Qy 130 CGGATGAAGAGATCAAACG 149  
|||  
Dh 21 CGCAGAGAGAGACCAACG 2

RESULT 105  
US-08-802-331-23/c  
; Sequence 23, Application US/08802331  
; Patent No. 6451991

; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D.  
; APPLICANT: Monia, Brett

; APPLICANT: Martin, Pierre  
; APPLICANT: Altman, Karl-Heinz

; TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides  
; FILE REFERENCE: ISNO0083

; CURRENT APPLICATION NUMBER: US/08/802,331  
; CURRENT FILING DATE: 1997-02-11

; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 23  
; LENGTH: 21

; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: No. 6451991el Sequence

US-08-802-331-23

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149  
||| ||||| ||||| |||||

Db 21 CGCAAGAGAGAGCAACG 2  
||| ||||| ||||| |||||

RESULT 106  
US-08-802-331-24/c

; Sequence 24, Application US/08802331  
; Patent No. 6451991

; GENERAL INFORMATION:  
; APPLICANT: Cook, Phillip D.

; APPLICANT: Monia, Brett  
; APPLICANT: Martin, Pierre

; APPLICANT: Altman, Karl-Heinz  
; TITLE OF INVENTION: Sugar-Modified Gapped Oligonucleotides

; FILE REFERENCE: ISNO0083  
; CURRENT APPLICATION NUMBER: US/08/802,331

; CURRENT FILING DATE: 1997-02-11  
; NUMBER OF SEQ ID NOS: 32

; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 24

; LENGTH: 21  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: No. 6451991el Sequence  
US-08-802-331-24

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149  
||| ||||| ||||| |||||

Db 21 CGCAAGAGAGAGCAACG 2  
||| ||||| ||||| |||||

RESULT 107  
US-09-389-283-18/c

; Sequence 18, Application US/09389283  
; Patent No. 6531584

; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook

; APPLICANT: A. Kawasaki  
; TITLE OF INVENTION: 2'-Modified Oligonucleotides

; FILE REFERENCE: ISNO0083  
; CURRENT APPLICATION NUMBER: US/09/389,283

; CURRENT FILING DATE: 1997-02-11  
; NUMBER OF SEQ ID NOS: 32

; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 24

; LENGTH: 21  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: No. 6451991el Sequence  
US-08-802-331-24

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149  
||| ||||| ||||| |||||

Db 21 CGCAAGAGAGAGCAACG 2  
||| ||||| ||||| |||||

; TITLE OF INVENTION: 2'-Modified Oligonucleotides  
; NUMBER OF SEQUENCES: 37

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6531584ris

; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia

; STATE: PA  
; COUNTRY: U.S.A.

; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 720 Kb

; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/389,283

; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/035,357

; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Joseph Lucci

; REGISTRATION NUMBER: 33,307  
; REFERENCE/DOCKET NUMBER: ISIS-2004

; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100

; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 bases  
; TYPE: nucleic acid

; STRANDEDNESS: single  
; TOPOLOGY: linear

; ANTI-SENSE: yes  
US-09-389-283-18

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149  
||| ||||| ||||| |||||

Db 21 CGCAAGAGAGAGCAACG 2  
||| ||||| ||||| |||||

RESULT 108  
US-09-389-283-19/c

; Sequence 19, Application US/09389283  
; Patent No. 6531584

; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook

; APPLICANT: A. Kawasaki  
; TITLE OF INVENTION: 2'-Modified Oligonucleotides

; FILE REFERENCE: ISNO0083  
; CURRENT APPLICATION NUMBER: US/09/389,283

; CURRENT FILING DATE: 1997-02-11  
; NUMBER OF SEQ ID NOS: 32

; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 24

; LENGTH: 21  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: No. 6451991el Sequence  
US-08-802-331-24

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149  
||| ||||| ||||| |||||

Db 21 CGCAAGAGAGAGCAACG 2  
||| ||||| ||||| |||||

RESULT 109  
US-09-389-283-19/c

; Sequence 19, Application US/09389283  
; Patent No. 6531584

; GENERAL INFORMATION:  
; APPLICANT: Phillip Dan Cook

; APPLICANT: A. Kawasaki  
; TITLE OF INVENTION: 2'-Modified Oligonucleotides

; FILE REFERENCE: ISNO0083  
; CURRENT APPLICATION NUMBER: US/09/389,283

; CURRENT FILING DATE: 1997-02-11  
; NUMBER OF SEQ ID NOS: 32

; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 24

; LENGTH: 21  
; TYPE: DNA

; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: No. 6451991el Sequence  
US-08-802-331-24

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAGATCAACG 149  
||| ||||| ||||| |||||

```
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-2004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-09-389-283-19

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 109
US-09-174-186-4
; Sequence 4, Application US/09174186
; Patent No. 6572845
; GENERAL INFORMATION:
; APPLICANT: Ensley, Burt
; TITLE OF INVENTION: Recombinant Hair Treatment Compositions
; FILE REFERENCE: 2001605-0002 (Keratin)
; CURRENT APPLICATION NUMBER: US/09/174,186
; CURRENT FILING DATE: 1998-10-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-174-186-4

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1468 CTGGGGGAGCGGATCCACAA 1487
Db 1 CTGGGGGAGCGGATCCTCCA 20

RESULT 110
US-09-306-278A-3/c
; Sequence 3, Application US/09306278A
; Patent No. 6610842
; GENERAL INFORMATION:
; APPLICANT: Capaldi, Daniel C
; APPLICANT: Ravikumar, Vasulinga T
; APPLICANT: Cole, Douglas L
; TITLE OF INVENTION: Processes For The Synthesis Of Oligomers Using Phosphoramidite
; FILE REFERENCE: ISIS3481
; CURRENT APPLICATION NUMBER: US/09/306,278A
; CURRENT FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6610842el Sequence
US-09-306-278A-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 111
US-10-318-628-3/c
; Sequence 3, Application US/10318628
; Patent No. 6642373
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-318-628-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149
Db 21 CGCAAGAAGAAGAGCAAAACG 2

RESULT 112
US-10-318-628-12/c
; Sequence 12, Application US/10318628
; Patent No. 6642373
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Sanghvi, Yogesh
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis
; FILE REFERENCE: ISIS4855
; CURRENT APPLICATION NUMBER: US/10/318,628
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: 09/177,953
; PRIOR FILING DATE: 1998-10-23
; PRIOR APPLICATION NUMBER: 60/087,757
; PRIOR FILING DATE: 1998-06-02
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Synthetic construct  
US-10-318-628-12

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149  
DB 21 CGCAAGAAGAAGAGCAAAACG 2

## RESULT 113

US-10-318-628-26/c  
; Sequence 26, Application US/10318628  
; Patent No. 6642373  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Ravikumar, Vasulinga T.  
; APPLICANT: Sanghvi, Yogesh  
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis  
; FILE REFERENCE: ISIS4855  
; CURRENT APPLICATION NUMBER: US/10/318,628  
; CURRENT FILING DATE: 2002-12-12  
; PRIOR APPLICATION NUMBER: 09/177,953  
; PRIOR FILING DATE: 1998-10-23  
; PRIOR APPLICATION NUMBER: 60/087,757  
; PRIOR FILING DATE: 1998-06-02  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 26  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-10-318-628-26

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149  
DB 21 CGCAAGAAGAAGAGCAAAACG 2

## RESULT 114

US-10-318-628-34/c  
; Sequence 34, Application US/10318628  
; Patent No. 6642373  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Ravikumar, Vasulinga T.  
; APPLICANT: Sanghvi, Yogesh  
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis  
; FILE REFERENCE: ISIS4855  
; CURRENT APPLICATION NUMBER: US/10/318,628  
; CURRENT FILING DATE: 2002-12-12  
; PRIOR APPLICATION NUMBER: 09/177,953  
; PRIOR FILING DATE: 1998-10-23  
; PRIOR APPLICATION NUMBER: 60/087,757  
; PRIOR FILING DATE: 1998-06-02  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 34  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-10-318-628-34

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149  
DB 21 CGCAAGAAGAAGAGCAAAACG 2

## RESULT 115

US-10-318-628-41/c  
; Sequence 41, Application US/10318628  
; Patent No. 6642373  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Ravikumar, Vasulinga T.  
; APPLICANT: Sanghvi, Yogesh  
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis  
; FILE REFERENCE: ISIS4855  
; CURRENT APPLICATION NUMBER: US/10/318,628  
; CURRENT FILING DATE: 2002-12-12  
; PRIOR APPLICATION NUMBER: 09/177,953  
; PRIOR FILING DATE: 1998-10-23  
; PRIOR APPLICATION NUMBER: 60/087,757  
; PRIOR FILING DATE: 1998-06-02  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 41  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-10-318-628-41

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAAACG 149  
DB 21 CGCAAGAAGAAGAGCAAAACG 2

## RESULT 116

US-10-290-587-3/c  
; Sequence 3, Application US/10290587  
; Patent No. 6677471  
; GENERAL INFORMATION:  
; APPLICANT: Cheruvallath, Zacharia S.  
; APPLICANT: Ravikumar, Vasulinga T.  
; APPLICANT: Cole, Douglas L.  
; TITLE OF INVENTION: Process For The Synthesis Of Oligomeric Compounds  
; FILE REFERENCE: ISIS-5108  
; CURRENT APPLICATION NUMBER: US/10/290,587  
; CURRENT FILING DATE: 2002-11-08  
; PRIOR APPLICATION NUMBER: 10/016,465  
; PRIOR FILING DATE: 2001-12-11  
; PRIOR APPLICATION NUMBER: 09/349,659  
; PRIOR FILING DATE: 1999-07-08  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-10-290-587-3

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



NAME: Kerner, Ann-Louise  
 REGISTRATION NUMBER: 33,523  
 REFERENCE/DOCKET NUMBER: HVZ-020PCT  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 617-330-1300  
 TELEFAX: 617-330-1311  
 INFORMATION FOR SEQ ID NO: 24:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 21 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 HYPOTHETICAL: NO  
 ANTI-SENSE: YES  
 PCT-US95-06160-24

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAGAGAGATCAACG 149  
 Db 21 CGGAGAGAGAGAGATCAACG 2

RESULT 120  
 PCT-US95-06743-10  
 ; Sequence 10, Application PC/TUS9506743  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Bergsma, Derk J.  
 ; TITLE OF INVENTION: Human Galactokinase Gene  
 ; NUMBER OF SEQUENCES: 32  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Smithkline Beecham Corp./Corporate  
 ; ADDRESSEE: Intellectual Property  
 ; STREET: 709 Swedeland Road/UW2220  
 ; CITY: King of Prussia  
 ; STATE: Pennsylvania  
 ; COUNTRY: USA  
 ; ZIP: 19406-0939  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/US95/06743  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/US94/10825  
 ; FILING DATE: 23-SEP-1994  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Sutton, Jeffrey A.  
 ; REGISTRATION NUMBER: 34,028  
 ; REFERENCE/DOCKET NUMBER: P50269-1  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 610-270-5024  
 ; TELEFAX: 610-270-5090  
 ; INFORMATION FOR SEQ ID NO: 10:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 21 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; PCT-US95-06743-10

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 927 CCAGCTGCTCCGTGGCTGG 946  
 Db 2 CCAGCAGCTCCGCGACCTGG 21

RESULT 121  
 PCT-US96-08757A-7/c  
 ; Sequence 7, Application PC/TUS9608757A  
 ; GENERAL INFORMATION:  
 ; APPLICANT: ISIS Pharmaceuticals, Inc., et al.  
 ; TITLE OF INVENTION: Oligonucleotides Having Phosphorothioate  
 ; TITLE OF INVENTION: Linkages Of High Chiral Purity  
 ; NUMBER OF SEQUENCES: 17  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris  
 ; STREET: One Liberty Place - 46th Floor  
 ; CITY: Philadelphia  
 ; STATE: PA  
 ; COUNTRY: U.S.A.  
 ; ZIP: 19103  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: 3.5 inch disk, 720 Kb  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: WordPerfect 6.1  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/US96/08757A  
 ; FILING DATE: 05-JUN-1996  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/471,967  
 ; FILING DATE: 06-JUN-1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/467,597  
 ; FILING DATE: 06-JUN-1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/469,447  
 ; FILING DATE: 06-JUN-1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/468,569  
 ; FILING DATE: 06-JUN-1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/466,692  
 ; FILING DATE: 06-JUN-1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/471,966  
 ; FILING DATE: 06-JUN-1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/469,851  
 ; FILING DATE: 06-JUN-1995  
 ; PRIOR APPLICATION DATA:  
 ; APPLICATION NUMBER: 08/470,129  
 ; FILING DATE: 06-JUN-1995  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Joseph Lucci  
 ; REGISTRATION NUMBER: 33,307  
 ; REFERENCE/DOCKET NUMBER: ISIS-2298  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 215-568-3100  
 ; TELEFAX: 215-568-3439  
 ; INFORMATION FOR SEQ ID NO: 7:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 21  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; PCT-US96-08757A-7

Query Match 0.9%; Score 15.2; DB 1; Length 21;  
 Best Local Similarity 85.0%; Pred. No. 1.6e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



QY 130 CGGATGAAGAGCAACG 149  
 DB 21 CGCAAGAAGAGCAACG 2  
 RESULT 122  
 US-08-232-081B-10  
 ; Sequence 10, Application US/08232081B  
 ; Patent No. 5886152  
 ; GENERAL INFORMATION:  
 ; APPLICANT: NAKATANI, TOMOYUKI  
 ; APPLICANT: GOMI, HIDEYUKI  
 ; APPLICANT: WJDNES, JOHN  
 ; APPLICANT: NOGUCHI, HIROSHI  
 ; TITLE OF INVENTION: HUMANIZED B-B10  
 ; NUMBER OF SEQUENCES: 42  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH  
 ; STREET: PO BOX 747  
 ; CITY: FALLS CHURCH  
 ; STATE: VA  
 ; COUNTRY: USA  
 ; ZIP: 22040-0747  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/232,081B  
 ; FILING DATE:  
 ; CLASSIFICATION: 424  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: SVENSSON, LEONARD R  
 ; REGISTRATION NUMBER: 30,330  
 ; REFERENCE/DOCKET NUMBER: 20-3484  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (703) 205-8000  
 ; TELEFAX: (703) 205-8050  
 ; INFORMATION FOR SEQ ID NO: 10:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 22 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-232-081B-10  
 Query Match 0.9%; Score 15.2; DB 1; Length 22;  
 Best Local Similarity 85.0%; Pred. No. 1.8e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0  
 QY 140 AGTCAACGGCGAGCTCA 159  
 DB 1 AGTCAACACTGCAGCAGTCA 20  
 RESULT 123  
 US-09-755-665-68/c  
 ; Sequence 68, Application US/09755665  
 ; Patent No. 6600019  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Prayaga, Sudhirdas K.  
 ; APPLICANT: Majumder, Kumud  
 ; APPLICANT: Tailon, Bruce B.  
 ; APPLICANT: Spaderna, Steven K.  
 ; APPLICANT: Sytek, Kimberly A.  
 ; APPLICANT: MacDougall, John  
 ; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME  
 ; FILE REFERENCE: 15966-631  
 ; CURRENT APPLICATION NUMBER: US/09/755,665  
 ; CURRENT FILING DATE: 2001-08-14

QY 130 CGGATGAAGAGCAACG 149  
 DB 21 CGCAAGAAGAGCAACG 2  
 RESULT 122  
 US-08-232-081B-10  
 ; Sequence 10, Application US/08232081B  
 ; Patent No. 5886152  
 ; GENERAL INFORMATION:  
 ; APPLICANT: NAKATANI, TOMOYUKI  
 ; APPLICANT: GOMI, HIDEYUKI  
 ; APPLICANT: WJDNES, JOHN  
 ; APPLICANT: NOGUCHI, HIROSHI  
 ; TITLE OF INVENTION: HUMANIZED B-B10  
 ; NUMBER OF SEQUENCES: 42  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH  
 ; STREET: PO BOX 747  
 ; CITY: FALLS CHURCH  
 ; STATE: VA  
 ; COUNTRY: USA  
 ; ZIP: 22040-0747  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/232,081B  
 ; FILING DATE:  
 ; CLASSIFICATION: 424  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: SVENSSON, LEONARD R  
 ; REGISTRATION NUMBER: 30,330  
 ; REFERENCE/DOCKET NUMBER: 20-3484  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (703) 205-8000  
 ; TELEFAX: (703) 205-8050  
 ; INFORMATION FOR SEQ ID NO: 10:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 22 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-232-081B-10  
 Query Match 0.9%; Score 15.2; DB 1; Length 22;  
 Best Local Similarity 85.0%; Pred. No. 1.8e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0  
 QY 140 AGTCAACGGCGAGCTCA 159  
 DB 1 AGTCAACACTGCAGCAGTCA 20  
 RESULT 123  
 US-09-755-665-68/c  
 ; Sequence 68, Application US/09755665  
 ; Patent No. 6600019  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Prayaga, Sudhirdas K.  
 ; APPLICANT: Majumder, Kumud  
 ; APPLICANT: Tailon, Bruce B.  
 ; APPLICANT: Spaderna, Steven K.  
 ; APPLICANT: Sytek, Kimberly A.  
 ; APPLICANT: MacDougall, John  
 ; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME  
 ; FILE REFERENCE: 15966-631  
 ; CURRENT APPLICATION NUMBER: US/09/755,665  
 ; CURRENT FILING DATE: 2001-08-14

QY 130 CGGATGAAGAGCAACG 149  
 DB 21 CGCAAGAAGAGCAACG 2  
 RESULT 122  
 US-08-232-081B-10  
 ; Sequence 10, Application US/08232081B  
 ; Patent No. 5886152  
 ; GENERAL INFORMATION:  
 ; APPLICANT: NAKATANI, TOMOYUKI  
 ; APPLICANT: GOMI, HIDEYUKI  
 ; APPLICANT: WJDNES, JOHN  
 ; APPLICANT: NOGUCHI, HIROSHI  
 ; TITLE OF INVENTION: HUMANIZED B-B10  
 ; NUMBER OF SEQUENCES: 42  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH  
 ; STREET: PO BOX 747  
 ; CITY: FALLS CHURCH  
 ; STATE: VA  
 ; COUNTRY: USA  
 ; ZIP: 22040-0747  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: Patent In Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/232,081B  
 ; FILING DATE:  
 ; CLASSIFICATION: 424  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: SVENSSON, LEONARD R  
 ; REGISTRATION NUMBER: 30,330  
 ; REFERENCE/DOCKET NUMBER: 20-3484  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (703) 205-8000  
 ; TELEFAX: (703) 205-8050  
 ; INFORMATION FOR SEQ ID NO: 10:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 22 base pairs  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: DNA (genomic)  
 ; US-08-232-081B-10  
 Query Match 0.9%; Score 15.2; DB 1; Length 22;  
 Best Local Similarity 85.0%; Pred. No. 1.8e+02;  
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0  
 QY 140 AGTCAACGGCGAGCTCA 159  
 DB 1 AGTCAACGGCGAGCTCA 20  
 RESULT 123  
 US-09-755-665-68/c  
 ; Sequence 68, Application US/09755665  
 ; Patent No. 6600019  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Prayaga, Sudhirdas K.  
 ; APPLICANT: Majumder, Kumud  
 ; APPLICANT: Tailon, Bruce B.  
 ; APPLICANT: Spaderna, Steven K.  
 ; APPLICANT: Sytek, Kimberly A.  
 ; APPLICANT: MacDougall, John  
 ; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME  
 ; FILE REFERENCE: 15966-631  
 ; CURRENT APPLICATION NUMBER: US/09/755,665  
 ; CURRENT FILING DATE: 2001-08-14

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-068-945A-25
Query Match 0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 ATGGGGTCTGATGGGAGAG 368
DB 22 ATGGGGTCTGGTGGGAGAG 3

RESULT 125
US-08-442-806-25/c
; Sequence 25, Application US/08442806
; Patent No. 5716817
; GENERAL INFORMATION:
; APPLICANT: Bjursell, Gunnar
; APPLICANT: Carlsson, Peter
; APPLICANT: Enerback, Sven
; APPLICANT: Hansson, Lennart
; APPLICANT: Lidberg, Ulf
; APPLICANT: Nilsson, Jeanette
; APPLICANT: Tornell, Jan
; TITLE OF INVENTION: Genomic DNA Sequences
; TITLE OF INVENTION: Encoding Human BSSL/CEL
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: White & Case
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States
; ZIP: 10036-2787
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/442,806
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/068,945
; FILING DATE: 27-MAY-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201809-2
; FILING DATE: 11-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9201826-6
; FILING DATE: 12-JUN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9202088-2
; FILING DATE: 03-JUL-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 9300902-5
; FILING DATE: 19-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Steiner, Richard J.
; REGISTRATION NUMBER: 35,372
; REFERENCE/DOCKET NUMBER: 1103326-052
; TELEPHONE: (212)819-8783
; TELEFAX: (212)354-8113
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-442-806-25
Query Match 0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 ATGGGGTCTGATGGGAGAG 368
DB 22 ATGGGGTCTGGTGGGAGAG 3

RESULT 126
US-08-653-740-18/c
; Sequence 18, Application US/08653740
; Patent No. 5792850
; GENERAL INFORMATION:
; APPLICANT: James W. Baumgartner
; APPLICANT: Donald C. Foster
; APPLICANT: Frank J. Grant
; APPLICANT: Cindy A. Sprecher
; TITLE OF INVENTION: HEMATOPOIETIC CYTOKINE RECEPTOR
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZymoGenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/653,740
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, Gary E
; REGISTRATION NUMBER: 31,648
; REFERENCE/DOCKET NUMBER: 95-31
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6673
; TELEFAX: 206-442-6678
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: 9826
; US-08-653-740-18

Query Match 0.9%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 1.9e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1294 TCCACGAGGAGTTCAAGAC 1313
DB 23 TCCACGAGGAGTTCAAGTC 4

RESULT 127
US-08-463-090B-18/c
; Sequence 18, Application US/08463090B
; Patent No. 5801015
; GENERAL INFORMATION:
; APPLICANT: Cottarel, Guillaume
```

APPLICANT: Damagnez, Veronique  
APPLICANT: Drietta, Gullio  
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins from  
TITLE OF INVENTION: Human Pathogens, and Uses Related Thereto  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley, Hoag & Eliot, LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII (text)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/463,090B  
FILING DATE: 05-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MIV032.01  
TELEPHONE: (617) 832-1299  
TELEFAX: (617) 832-7000  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-463-090B-18

Query Match 0.9%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 60.9%; Fred. NO. 1.9e+02;  
Matches 14; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

QY 1093 ACACGTGGTACCGGCCCTGA 1115  
DB 23 ACNTYNTGGTAYMGNCNCNGA 1

RESULT 128  
US-09-073-594-18/c  
Sequence 18, Application US/09073594  
Patent No. 5925735  
GENERAL INFORMATION:  
APPLICANT: James W. Baumgartner  
APPLICANT: Donald C. Foster  
APPLICANT: Frank J. Grant  
APPLICANT: Cindy A. Sprecher  
TITLE OF INVENTION: HEMATOPOIETIC CYTOKINE RECEPTOR  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ZymoGenetics, Inc.  
STREET: 1201 Eastlake Avenue East  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98102  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,594  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Parker, Gary E  
REGISTRATION NUMBER: 31,648  
REFERENCE/DOCKET NUMBER: 95-31  
TELEPHONE: 206-442-6673  
TELEFAX: 206-442-6678  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
CLONE: 9826  
US-09-073-594-18

ATTORNEY/AGENT INFORMATION:  
NAME: Parker, Gary E  
REGISTRATION NUMBER: 31,648  
REFERENCE/DOCKET NUMBER: 95-31  
TELEPHONE: 206-442-6673  
TELEFAX: 206-442-6678  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
CLONE: 9826  
US-09-073-594-18

Query Match 0.9%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Fred. NO. 1.9e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1294 TCACACGAGGAGTTCAGAC 1313  
DB 23 TCACACGAGGAGTTCAGTC 4

RESULT 129  
US-09-275-925-18/c  
Sequence 18, Application US/09275925  
Patent No. 6080406  
GENERAL INFORMATION:  
APPLICANT: James W. Baumgartner  
APPLICANT: Donald C. Foster  
APPLICANT: Frank J. Grant  
APPLICANT: Cindy A. Sprecher  
TITLE OF INVENTION: HEMATOPOIETIC CYTOKINE RECEPTOR  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ZymoGenetics, Inc.  
STREET: 1201 Eastlake Avenue East  
CITY: Seattle  
STATE: WA  
COUNTRY: USA  
ZIP: 98102  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/275,925  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Parker, Gary E  
REGISTRATION NUMBER: 31,648  
REFERENCE/DOCKET NUMBER: 95-31  
TELEPHONE: 206-442-6673  
TELEFAX: 206-442-6678  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
CLONE: 9826  
US-09-275-925-18

Query Match 0.9%; Score 15.2; DB 1; Length 23;  
Best Local Similarity 85.0%; Fred. NO. 1.9e+02;  
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;



OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/711,303  
FILING DATE: 19910606  
CLASSIFICATION: 435  
PRIOR APPLICATION NUMBER:  
FILING DATE: 08-JUN-1990  
APPLICATION NUMBER: EP 90110907.4  
ATTORNEY/AGENT INFORMATION:  
NAME: Lavin Jr., Lawrence M.  
REGISTRATION NUMBER: 30,768  
REFERENCE/DOCKET NUMBER: 2481-1081  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 408-4000  
TELEFAX: (202) 408-4400  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-07-711-303-7

Query Match 0.9%; Score 15; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 1.7e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 970 CTACACCGAGACCTC 984  
Db 5 CTACACCGAGACCTC 19

RESULT 134  
US-08-410-654B-29  
Sequence 29, Application US/08410654B  
Patent No. 5833975  
GENERAL INFORMATION:  
APPLICANT: Rene de Waal Malefyt  
APPLICANT: Di-Hwei Hsu  
APPLICANT: Anne O'Garra  
APPLICANT: Hergen Spits  
TITLE OF INVENTION: Use of Interleukin-10 to Treat  
TITLE OF INVENTION: Septic Shock  
NUMBER OF SEQUENCES: 61  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schering-Plough Corporation  
STREET: 2000 Galloping Hill Road  
CITY: Kenilworth  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07033  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Macintosh  
OPERATING SYSTEM: 7.5.3  
SOFTWARE: Microsoft Word 5.1a  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/410,654B  
FILING DATE: 24-MAR-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/229,854  
FILING DATE: 19-APR-1994  
APPLICATION NUMBER: US 07/926,853  
FILING DATE: 06-AUG-1992  
FILING DATE: 06-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
REFERENCE/DOCKET NUMBER: DX0221KQ1

TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-298-2987  
TELEFAX: 908-298-5388  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (oligonucleotide)  
US-08-410-654B-29

Query Match 0.9%; Score 15; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1068 AAAGACATACCTCCAA 1082  
Db 2 AAAGACATACCTCCAA 16

RESULT 135  
US-08-474-851-29  
Sequence 29, Application US/08474851  
Patent No. 5837232  
GENERAL INFORMATION:  
APPLICANT: Rene de Waal Malefyt  
APPLICANT: Di-Hwei Hsu  
APPLICANT: Anne O'Garra  
APPLICANT: Hergen Spits  
TITLE OF INVENTION: Use of An Interleukin-10 Antagonist to Treat  
TITLE OF INVENTION: A B Cell Mediated Autoimmune Disorder  
NUMBER OF SEQUENCES: 61  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Schering-Plough Corporation  
STREET: 2000 Galloping Hill Road  
CITY: Kenilworth  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07033  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Macintosh  
OPERATING SYSTEM: 7.5.3  
SOFTWARE: Microsoft Word 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/474,851  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/410,654  
FILING DATE: 24-MAR-1995  
APPLICATION NUMBER: US 08/229,854  
FILING DATE: 19-APR-1994  
APPLICATION NUMBER: US 07/926,853  
FILING DATE: 06-AUG-1992  
FILING DATE: 06-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
REFERENCE/DOCKET NUMBER: DX0221KQ1GCD  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-298-2987  
TELEFAX: 908-298-5388  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (oligonucleotide)  
US-08-474-851-29

Query Match 0.9%; Score 15; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1068 AAAGACATCTCCAA 1082

Db 2 AAAGACATCTCCAA 16

## RESULT 136

US-08-481-560-29  
; Sequence 29, Application US/08481560  
; Patent No. 5837293  
; GENERAL INFORMATION:  
; APPLICANT: Rene de Waal Malefyt  
; APPLICANT: Di-Hwei Hsu  
; APPLICANT: Anne O'Garra  
; APPLICANT: Hergen Spts  
; TITLE OF INVENTION: Use of Interleukin-10 to Modulate  
; TITLE OF INVENTION: Inflammation or T-Cell Mediated  
; TITLE OF INVENTION: Immune Function  
; NUMBER OF SEQUENCES: 61  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Schering-Plough Corporation  
; STREET: 2000 Galloping Hill Road  
; CITY: Kenilworth  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07033

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: Macintosh  
OPERATING SYSTEM: 7.5.3  
SOFTWARE: Microsoft Word 6.0  
CURRENT APPLICATION NUMBER: US/08/481,560  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/410,654  
FILING DATE: 24-MAR-1995  
APPLICATION NUMBER: US 08/229,854  
FILING DATE: 19-APR-1994  
APPLICATION NUMBER: US 07/926,853  
FILING DATE: 06-AUG-1992  
APPLICATION NUMBER: US 07/742,129  
FILING DATE: 06-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Foulke, Cynthia L.  
REGISTRATION NUMBER: 32,364  
REFERENCE/DOCKET NUMBER: DX0221KQ1GC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 908-298-2987  
TELEFAX: 908-298-5388  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
; MOLECULE TYPE: DNA (oligonucleotide)  
US-08-481-560-29

Query Match 0.9%; Score 15; DB 1; Length 21;  
Best Local Similarity 100.0%; Pred. No. 1.8e+02;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1068 AAAGACATCTCCAA 1082

Db 2 AAAGACATCTCCAA 16

## RESULT 137

US-08-244-116B-39/C  
; Sequence 39, Application US/08244116B  
; Patent No. 5763159  
; GENERAL INFORMATION:  
; APPLICANT: Simmonds, Peter  
; APPLICANT: Chan, Shiu-Wan  
; APPLICANT: Yap, Peng L.  
; TITLE OF INVENTION: Hepatitis-C Virus Testing  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.  
; STREET: 1211 East Morehead Street  
; CITY: Charlotte  
; STATE: No. 5763159th Carolina  
; COUNTRY: United States  
; ZIP: 28234  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0. Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,116B  
FILING DATE: 15-JUL-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB92/02143  
FILING DATE: 20-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Sibley, Kenneth D.  
REGISTRATION NUMBER: 31,665  
REFERENCE/DOCKET NUMBER: 1749-125  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 704-377-1561  
TELEFAX: 704-334-2014  
INFORMATION FOR SEQ ID NO: 39:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 23 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic DNA  
DESCRIPTION: oligonucleotide"  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Hepatitis-C virus  
US-08-244-116B-39

Query Match 0.9%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 292 CGTTCTGCACGGGGCCCACTCAG 314

Db 23 CATTCTGACGGGGCCCACTG 1

## RESULT 138

US-09-150-900-42  
; Sequence 42, Application US/09150900  
; Patent No. 6207425  
; GENERAL INFORMATION:  
; APPLICANT: Liu, Quiang  
; APPLICANT: Sommer, Steve S.  
; TITLE OF INVENTION: BIDIRECTIONAL PCR AMPLIFICATION OF SPECIFIC ALLELES  
; FILE REFERENCE: BI-PASA  
; CURRENT APPLICATION NUMBER: US/09/150,900  
; CURRENT FILING DATE: 1999-09-10  
; EARLIER APPLICATION NUMBER: 60/058575  
; EARLIER FILING DATE: 1997-09-11

; NUMBER OF SEQ ID NOS: 48  
; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 42

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-150-900-42

Query Match

Best Local Similarity 0.9%; Score 15; DB 1; Length 23;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 242 GCGGCTACCTGGAGAGCTGACC 264

Db 1 GCGGCGGGGCGCTGGACAGCC 23

RESULT 139

US-09-449-218D-21

; Sequence 21, Application US/09449218D

; Patent No. 6395511

; GENERAL INFORMATION:

; APPLICANT: Brunkow, Mary E.

; APPLICANT: Galas, David J.

; APPLICANT: Kovacevich, Brian

; APPLICANT: Mulligan, John T.

; APPLICANT: Paepfer, Bryan W.

; APPLICANT: Van Ness, Jeffrey

; APPLICANT: Winkler, David G.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INCREASING

; FILE REFERENCE: 240083.508

; CURRENT APPLICATION NUMBER: US/09/449,218D

; CURRENT FILING DATE: 1999-11-24

; NUMBER OF SEQ ID NOS: 45

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 21

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Primer for PCR

US-09-449-218D-21

Query Match

Best Local Similarity 0.9%; Score 15; DB 1; Length 23;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 506 AGGCTACCTGGAGAGCTGACC 528

Db 1 AGGCCAACCGCGAGAGATGACC 23

RESULT 140

US-09-668-529A-21

; Sequence 21, Application US/09668529A

; Patent No. 6489445

; GENERAL INFORMATION:

; APPLICANT: Brunkow, Mary E.

; APPLICANT: Galas, David J.

; APPLICANT: Kovacevich, Brian

; APPLICANT: Mulligan, John T.

; APPLICANT: Paepfer, Bryan W.

; APPLICANT: Van Ness, Jeffrey

; APPLICANT: Winkler, David G.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INCREASING BONE

; FILE REFERENCE: 240083.508D1

; CURRENT APPLICATION NUMBER: US/09/668,529A

; CURRENT FILING DATE: 2000-09-21

; NUMBER OF SEQ ID NOS: 45

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 21

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Primer for PCR

US-09-668-529A-21

Query Match

Best Local Similarity 0.9%; Score 15; DB 1; Length 23;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 506 AGGCTACCTGGAGAGCTGACC 528

Db 1 AGGCCAACCGCGAGAGATGACC 23

RESULT 141

US-09-668-037A-21

; Sequence 21, Application US/09668037A

; Patent No. 6495736

; GENERAL INFORMATION:

; APPLICANT: Brunkow, Mary E.

; APPLICANT: Galas, David J.

; APPLICANT: Kovacevich, Brian

; APPLICANT: Mulligan, John T.

; APPLICANT: Paepfer, Bryan W.

; APPLICANT: Van Ness, Jeffrey

; APPLICANT: Winkler, David G.

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR INCREASING BONE

; FILE REFERENCE: 240083.508D4

; CURRENT APPLICATION NUMBER: US/09/668,037A

; CURRENT FILING DATE: 2000-09-21

; NUMBER OF SEQ ID NOS: 45

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 21

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Primer for PCR

US-09-668-037A-21

Query Match

Best Local Similarity 0.9%; Score 15; DB 1; Length 23;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 506 AGGCTACCTGGAGAGCTGACC 528

Db 1 AGGCCAACCGCGAGAGATGACC 23

RESULT 142

US-09-761-962A-43/c

; Sequence 43, Application US/09761962A

; Patent No. 6500927

; GENERAL INFORMATION:

; APPLICANT: Memorial Sloan-Kettering Cancer Center

; TITLE OF INVENTION: MULTIPLE SPLICE VARIANTS OF THE MU-OPIOD RECEPTOR GENE

; FILE REFERENCE: 830002-2000.2

; CURRENT APPLICATION NUMBER: US/09/761,962A

; CURRENT FILING DATE: 2001-01-17

; PRIOR APPLICATION NUMBER: 09/743,872

; PRIOR APPLICATION NUMBER: PCT/US99/15974

; PRIOR FILING DATE: 1999-07-15

; NUMBER OF SEQ ID NOS: 46

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 43

; LENGTH: 23

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: antisense primer from exon 2 used in RT-PCR of mouse brain RNA

US-09-761-962A-43

Query Match 0.9%; Score 15; DB 1; Length 23;  
Best Local Similarity 78.3%; Pred. No. 2.2e+02;  
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1715 GCCTGAGCGGTTTCACCTGCC 1737  
DB 23 GCCTTAGCCACTACCACTGCC 1

RESULT 143

US-09-920-760-24/c  
; Sequence 24, Application US/09920760  
; Patent No. 6492173  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowseert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION  
; FILE REFERENCE: RTS-0275  
; CURRENT APPLICATION NUMBER: US/09/920,760  
; CURRENT FILING DATE: 2001-08-01  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 24  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-760-24

Query Match 0.8%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 992 AGAACCTGCTCATCAACG 1009  
DB 18 AGAACCTGCTCACCATCG 1

RESULT 144

US-09-422-978-11527  
; Sequence 11527, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 11527  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: downstream amplification primer 99-9308 for SEQ 3662, in compleme  
US-09-422-978-11527

Query Match 0.8%; Score 14.8; DB 1; Length 18;  
Best Local Similarity 88.9%; Pred. No. 1.6e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTTCCCTG 1696

Db 1 CCAACTACATATCCCTG 18

RESULT 145

US-08-435-529-22  
; Sequence 22, Application US/08435529  
; Patent No. 5635354  
; GENERAL INFORMATION:  
; APPLICANT: KOURILSKY, PHILIPPE  
; APPLICANT: PANNETIER, CHRISTOPHE  
; APPLICANT: COCHET, MADELINE  
; TITLE OF INVENTION: METHOD FOR DESCRIBING THE REPERTOIRES OF  
; TITLE OF INVENTION: ANTIBODIES (AB) AND OF T-CELL RECEPTORS (TCR) OF AN  
; TITLE OF INVENTION: INDIVIDUAL'S IMMUNE SYSTEM  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,  
; ADDRESSEE: P.C.  
; STREET: 1755 S. Jefferson Davis Highway, Suite 400  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.  
; ZIP: 22202  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,529  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/084,249  
; FILING DATE: 09-JUL-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oblon, No. 5635354man F.  
; REGISTRATION NUMBER: 24,618  
; REFERENCE/DOCKET NUMBER: 354-015-0  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 413-3000  
; TELEFAX: (703) 413-2220  
; TELEX: 248855 OPAT UR  
; INFORMATION FOR SEQ ID NO: 22:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA (genomic)  
US-08-435-529-22

Query Match 0.8%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 823 AAGTCCCTCACCTTGTC 840  
DB 3 AAGTCCATCACCTTGTC 20

RESULT 146

US-09-288-461-27  
; Sequence 27, Application US/09288461  
; Patent No. 6159694  
; GENERAL INFORMATION:  
; APPLICANT: Karras, James G.  
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3  
; TITLE OF INVENTION: Expression  
; FILE REFERENCE: ISPH-0338  
; CURRENT APPLICATION NUMBER: US/09/288,461  
; CURRENT FILING DATE: 1999-04-08



; NUMBER OF SEQ ID NOS: 107  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 27  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-288-461-27

Query Match 0.8%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 CTGTTCCAGCTGCTCGCT 939  
|||||  
DB 2 CTGTTCCAGCTGCTCGCAT 19

## RESULT 147

US-08-927-219-72/c  
; Sequence 72, Application US/08927219  
; Patent No. 6187533  
; GENERAL INFORMATION:  
; APPLICANT: Bell, Graeme I.  
; APPLICANT: Yamagata, Kazuya  
; APPLICANT: Oda, Naohisha  
; APPLICANT: Kaisaki, Pamela J.  
; APPLICANT: Furuta, Hiroto  
; APPLICANT: Horikawa, Yukio  
; APPLICANT: Menzel, Stephen  
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY  
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA  
; TITLE OF INVENTION: AND HNF-4ALPHA  
; NUMBER OF SEQUENCES: 147  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 77210

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/927,219  
FILING DATE: Concurrently Herewith  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,679  
FILING DATE: 30-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/028,056  
FILING DATE: 02-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/025,719  
FILING DATE: 10-SEP-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Wilson, Mark B.  
REGISTRATION NUMBER: 37,259  
REFERENCE/DOCKET NUMBER: ARCD:272  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/418-3000  
TELEFAX: 512/474-7577  
INFORMATION FOR SEQ ID NO: 72:

SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

## US-08-927-219-72

Query Match 0.8%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 691 CTTGTGCACTCAAGGAG 708  
|||||  
DB 18 CTTGTGTCACACAAGGAG 1

## RESULT 148

US-08-643-212-35/c  
; Sequence 35, Application US/08643212  
; Patent No. 6207640  
; GENERAL INFORMATION:  
; APPLICANT: Attie, Kenneth  
; APPLICANT: Carlsson, Lena  
; APPLICANT: Gesundheit, Neil  
; APPLICANT: Goddard, Audrey  
; TITLE OF INVENTION: Treatment of Partial Growth Hormone  
; TITLE OF INVENTION: Insensitivity Syndrome  
; NUMBER OF SEQUENCES: 79  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Flehr, Hobbach, Test Albritton & Herbert  
; STREET: Four Embarcadero Center, Suite 3400  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States  
; ZIP: 94111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/643,212  
FILING DATE: 03-MAY-1996  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/224,982  
FILING DATE: 07-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Dreger, Walter H.  
REGISTRATION NUMBER: 24,190  
REFERENCE/DOCKET NUMBER: A-63292-2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX: 910 277299

INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
US-08-643-212-35

Query Match 0.8%; Score 14.8; DB 1; Length 20;  
Best Local Similarity 88.9%; Pred. No. 1.9e+02;  
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1237 CACTTCATCTTCGTATC 1254  
|||||  
DB 19 CACTTCATATTCCTATC 2

## RESULT 149

US-09-700-422-6/c  
; Sequence 6, Application US/09700422  
; Patent No. 6489142  
; GENERAL INFORMATION:  
; APPLICANT: TORRENT, CHRISTOPHE

```

1  APPLICANT:  YEH, PATRICE
2  APPLICANT:  PERRICAUDET, PATRICE
3  APPLICANT:  KLATZMANN, DAVID
4  APPLICANT:  SALZMANN, JEAN-LOUP
5  TITLE OF INVENTION:  METHODS AND COMPOSITIONS FOR PRODUCING VIRAL PARTICLES
6  FILE REFERENCE:  3665-11
7  CURRENT APPLICATION NUMBER:  US/09/700.422
8  CURRENT FILING DATE:  2000-11-15
9  PRIOR APPLICATION NUMBER:  PCT/FR99/01184
10 PRIOR FILING DATE:  1999-05-18
11 PRIOR APPLICATION NUMBER:  FR 98/06258
12 PRIOR FILING DATE:  1998-05-18
13 NUMBER OF SEQ ID NOS:  16
14 SOFTWARE:  Patentin ver. 2.1
15 SEQ ID NO 6
16 LENGTH:  20
17 TYPE:  DNA
18 ORGANISM:  Artificial Sequence
19 FEATURE:
20 OTHER INFORMATION:  Description of Artificial Sequence:
21 OTHER INFORMATION:  Oligonucleotide
22 US-09-700-422-6

```

```

1 Evans, Ronald M.
2 Chien, Kenneth R.
3 TITLE OF INVENTION: RECEPTOR-DEFICIENT ANIMALS AND CELL
4 LINES DERIVED THEREFROM, AND USES THEREOF
5
6 NUMBER OF SEQUENCE: 10
7 CORRESPONDENCE ADDRESS:
8 ADDRESSER: Pretty, Schroeder, Brueggemann & Clark
9 STREET: 444 South Flower Street, Suite 2000
10 CITY: Los Angeles
11 STATE: CA
12 COUNTRY: USA
13 ZIP: 90071
14
15 COMPUTER READABLE FORM:
16 MEDIUM TYPE: Floppy disk
17 COMPUTER: IBM PC compatible
18 OPERATING SYSTEM: PC-DOS/MS-DOS
19 SOFTWARE: Patent in Release #1.0, Version #1.25
20 CURRENT APPLICATION DATA:
21 APPLICATION NUMBER: US/08/802,468
22 FILING DATE: 19-Feb-1997
23
24 PRIOR APPLICATION DATA:
25 APPLICATION NUMBER: US 08/241,044
26 FILING DATE: 10-MAY-1994
27
28 ATTORNEY/AGENT INFORMATION:
29 NAME: Reiter, Stephen E.
30 REGISTRATION NUMBER: 31,192
31 REFERENCE/DOCKET NUMBER: P41 9749
32 TELECOMMUNICATION INFORMATION:
33 TELEPHONE: 619-546-4737
34 TELEFAX: 619-546-9392
35
36 INFORMATION FOR SEQ ID NO: 10:
37 SEQUENCE CHARACTERISTICS:
38 LENGTH: 22 base pairs
39 TYPE: nucleic acid
40 STRANDEDNESS: single
41 TOPOLOGY: linear
42
43 MOLECULE TYPE: DNA (genomic)
44 SEQUENCE DESCRIPTION: SEQ ID NO: 10:
45 US-08-802-468-10
46
47 Query Match 0.8%; Score 14.8; DB 1; Length 22;
48 Best Local Similarity 88.9%; Pred.No. 2.2e+02;
49 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps
50
51 QY 31 CAGAGGTAGGCGAGGAGGA 48
52 |||||
53 Db 22 CAGAGGTAGGCGAGGAGGA 5
54
55 RESULT 152
56 US-09-033-936-6
57 Sequence 6, Application US/09033936
58 Patent No. 6632976
59
60 GENERAL INFORMATION:
61 APPLICANT: TOMIZUKA, KAZUWA
62 APPLICANT: YOSHIDA, HITOSHI
63 APPLICANT: HANAOKA, KAZUNORI
64 APPLICANT: OSHIMURA, MITSUO
65 APPLICANT: ISHIDA, ISAO
66
67 TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
68
69 FILE REFERENCE: 081356/0114
70 CURRENT APPLICATION NUMBER: US/09/033,936
71 CURRENT FILING DATE: 1998-03-02
72 PRIOR APPLICATION NUMBER: PCT/JP96/02427
73 PRIOR FILING DATE: 1996-08-29
74 NUMBER OF SEQ ID NOS: 74
75 SOFTWARE: Patent in Ver. 2.1
76 SEQ ID NO 6
77 LENGTH: 22
78 TYPE: DNA
79 ORGANISM: Artificial Sequence
80 FEATURE:
81 OTHER INFORMATION: Description of Artificial Sequence: Primer

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```

:
:
: GENERAL INFORMATION:
:
: APPLICANT: Matson, Robert S.
: APPLICANT: Coassin, Peter J.
: APPLICANT: Rampal, Jang B.
: APPLICANT: Caskey, C. T.
:
: TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
:

```

REGISTRATION NUMBER: 20,333  
REFERENCE/DOCKET NUMBER: 11

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (626) 796-4000  
TELEFAX: (626) 795-6321  
INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Other nucleic acid  
US-08-863-639A-56

Query Match 0.8%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 555 CTTAGCGCGCGCTCCCTCG 575  
DB 21 CGCGCGCGCGCGCGCGCG 1

RESULT 156  
US-08-840-316-29/c  
Sequence 29, Application US/08840316  
Patent No. 6054567  
GENERAL INFORMATION:  
APPLICANT: Emerson, Suzanne U., Purcell, Robert H.,  
TITLE OF INVENTION: Recombinant Proteins Of  
TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their  
TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines  
NUMBER OF SEQUENCES: 111  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/840,316  
FILING DATE: 11-APR-1997  
PRIORITY APPLICATION NUMBER: 424  
CLASSIFICATION: 424  
APPLICATION DATA:  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Richard W. Bork  
REGISTRATION NUMBER: 36,459  
REFERENCE/DOCKET NUMBER: 2026-4255  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-840-316-29

Query Match 0.8%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 814 CACACGAGAGTCCCTCACC 834  
DB 21 CACACTGAGAGTCCCTCACC 1

DB 21 CACACTGAGAGTCCCTCACC 1

RESULT 157  
US-08-809-523-29/c  
Sequence 29, Application US/08809523  
Patent No. 6207416  
GENERAL INFORMATION:  
APPLICANT: Tsarev, Sergei. A., Emerson, Robert H.,  
TITLE OF INVENTION: Recombinant Proteins Of  
TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their  
TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines  
NUMBER OF SEQUENCES: 107  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/809,523  
FILING DATE: 28-MAY-1997  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/13102  
FILING DATE: 03-OCT-1995  
PRIOR APPLICATION NUMBER: US08/316,765  
FILING DATE: 03-OCT-1994  
APPLICATION NUMBER: 07/947,263  
FILING DATE: 18-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Richard W. Bork  
REGISTRATION NUMBER: 36,459  
REFERENCE/DOCKET NUMBER: 2026-4032US4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-809-523-29

Query Match 0.8%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 814 CACACGAGAGTCCCTCACC 834  
DB 21 CACACTGAGAGTCCCTCACC 1

RESULT 158  
US-09-109-663-37/c  
Sequence 37, Application US/09109663  
Patent No. 6277981  
GENERAL INFORMATION:  
APPLICANT: Tu, Guang-Chou  
TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF  
TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES  
FILE REFERENCE: 9855-311  
CURRENT APPLICATION NUMBER: US/09/109,663

; CURRENT FILING DATE: 1998-07-03  
; EARLIER APPLICATION NUMBER: 60/051,705  
; EARLIER FILING DATE: 1997-07-03  
; NUMBER OF SEQ ID NOS: 81  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 37  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Known  
; OTHER INFORMATION: Effective ASO  
US-09-109-663-37

Query Match 0.8%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 225 TGAGAGTGGTGGTGGTGGCGG 245  
Db 21 TGAGAGGGGAAGTGGTGGGG 1

RESULT 159  
US-08-471-971-29/c  
; Sequence 29, Application US/08471971  
; Patent No. 6287759  
; GENERAL INFORMATION:  
; APPLICANT: Tsarev, Sergei. A., Emerson,  
; APPLICANT: Suzanne U., Purcell, Robert H.  
; TITLE OF INVENTION: Recombinant Proteins Of  
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their  
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines  
; NUMBER OF SEQUENCES: 107  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORGAN & FINNEGAN  
; STREET: 345 PARK AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10154

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/471,971  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US08/316,765  
; FILING DATE: 03-OCT-1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US07/947,263  
; FILING DATE: 18-SEP-1992  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Richard W. Bork  
; REGISTRATION NUMBER: 36,459  
; REFERENCE/DOCKET NUMBER: 2026-4032US2  
; TELEPHONE: (212) 751-6840  
; TELEFAX: (212) 751-6849  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-471-971-29

Query Match 0.8%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 814 CACACGGAGAAGTCCCTCACC 834  
Db 21 CACACTGAGAAGTGGTGCATC 1

RESULT 160  
US-08-679-493A-134  
; Sequence 134, Application US/08679493A  
; Patent No. 6303295  
; GENERAL INFORMATION:  
; APPLICANT: Taylor, Ethan W.  
; TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS  
; FILE REFERENCE: 55-95  
; CURRENT APPLICATION NUMBER: US/08/679,493A  
; CURRENT FILING DATE: 1996-07-12  
; PRIOR APPLICATION NUMBER: 60/001203  
; PRIOR FILING DATE: 1995-07-14  
; PRIOR APPLICATION NUMBER: 60/003,112  
; PRIOR FILING DATE: 1995-09-01  
; NUMBER OF SEQ ID NOS: 216  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 134  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: Simian immunodeficiency virus  
US-08-679-493A-134

Query Match 0.8%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 61.9%; Pred. No. 2.3e+02;  
Matches 13; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

Qy 862 CTGAGCAGTACCTGGATGAC 882  
Db 1 CUGAUCCAAUACAUGGAUGAC 21

RESULT 161  
US-08-679-493A-136  
; Sequence 136, Application US/08679493A  
; Patent No. 6303295  
; GENERAL INFORMATION:  
; APPLICANT: Taylor, Ethan W.  
; TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS  
; FILE REFERENCE: 55-95  
; CURRENT APPLICATION NUMBER: US/08/679,493A  
; CURRENT FILING DATE: 1996-07-12  
; PRIOR APPLICATION NUMBER: 60/001203  
; PRIOR FILING DATE: 1995-07-14  
; PRIOR APPLICATION NUMBER: 60/003,112  
; PRIOR FILING DATE: 1995-09-01  
; NUMBER OF SEQ ID NOS: 216  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 136  
; LENGTH: 21  
; TYPE: RNA  
; ORGANISM: Simian immunodeficiency virus  
US-08-679-493A-136

Query Match 0.8%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 61.9%; Pred. No. 2.3e+02;  
Matches 13; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

Qy 862 CTGAGCAGTACCTGGATGAC 882  
Db 1 CUGAUCCAAUACAUGGAUGAC 21

RESULT 162  
US-08-679-493A-137

<p>; PRIOR FILING DATE: 1995-09-01</p> <p>; NUMBER OF SEQ ID NOS: 216</p> <p>; SOFTWARE: PatentIn Ver. 2.0</p> <p>; SEQ ID NO 144</p> <p>; LENGTH: 21</p> <p>; TYPE: RNA</p> <p>; ORGANISM: mouse mammary leukemia virus</p> <p>US-08-679-493A-144</p>	<p>Query Match            0.8%; Score 14.6; DB 1; Length 21;</p> <p>Best Local Similarity 61.9%; Pred. No. 2.3e+02;</p> <p>Matches 13; Conservative 4; Mismatches 0; Gaps 0;</p>	
<p>QY     862 CTGAAGCAGTACTCGATGAC 882</p> <p>        :   :   :   :   :   :   :  </p> <p>DB     1 CUGCUACAGUACGUAGAUGC 21</p>	<p>RESULT 165</p> <p>US-08-679-493A-4/c</p> <p>; Sequence 4, Application US/09844634</p> <p>; Patent No. 6410324</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: C. Frank Bennett</p> <p>; APPLICANT: Andrew T. Watt</p> <p>; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRE</p> <p>; FILE REFERENCE: RFS-0216</p> <p>; CURRENT APPLICATION NUMBER: US/09/844,634</p> <p>; CURRENT FILING DATE: 2001-04-27</p> <p>; NUMBER OF SEQ ID NOS: 174</p> <p>; SEQ ID NO 4</p> <p>; LENGTH: 21</p> <p>; TYPE: DNA</p> <p>; ORGANISM: Artificial Sequence</p> <p>; FEATURE:</p> <p>; OTHER INFORMATION: PCR Primer</p> <p>US-08-679-493A-4</p>	
<p>QY     338 AGGACTTGAGATGGGTCTG 358</p> <p>                                 </p> <p>DB     21 AGGAATTGAAGGTGGGGATG 1</p>	<p>Query Match            0.8%; Score 14.6; DB 1; Length 21;</p> <p>Best Local Similarity 81.0%; Pred. No. 2.3e+02;</p> <p>Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;</p>	
<p>RESULT 166</p> <p>US-09-402-776-29/c</p> <p>; Sequence 29, Application US/09402776</p> <p>; Patent No. 6458562</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Emerson, Suzanne U., Purcell, Robert H.,</p> <p>; APPLICANT: Tsarev, Sergei A., and Robinson, Robin A.</p> <p>; TITLE OF INVENTION: Recombinant Proteins Of</p> <p>; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their</p> <p>; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines</p> <p>; NUMBER OF SEQUENCES: 111</p> <p>; CORRESPONDENCE ADDRESS:</p> <p>; ADDRESSEE: MORGAN &amp; FINNEGAN</p> <p>; STREET: 345 PARK AVENUE</p> <p>; CITY: NEW YORK</p> <p>; STATE: NEW YORK</p> <p>; COUNTRY: USA</p> <p>; ZIP: 10154</p> <p>; COMPUTER READABLE FORM:</p> <p>; MEDIUM TYPE: FLOPPY DISK</p> <p>; COMPUTER: IBM PC COMPATIBLE</p> <p>; OPERATING SYSTEM: PC-DOS/MS-DOS</p> <p>; SOFTWARE: WORDPERFECT 5.1</p> <p>; CURRENT APPLICATION DATA:</p> <p>; APPLICATION NUMBER: US/09/402,776</p> <p>; FILING DATE:</p>	<p>Query Match            0.8%; Score 14.6; DB 1; Length 21;</p> <p>Best Local Similarity 61.9%; Pred. No. 2.3e+02;</p> <p>Matches 13; Conservative 4; Mismatches 0; Gaps 0;</p>	
<p>QY     862 CTGAAGCAGTACTCGATGAC 882</p> <p>        :   :   :   :   :   :   :  </p> <p>DB     1 CUGAUCAUAUACAUGAUGC 21</p>	<p>RESULT 164</p> <p>US-08-679-493A-144</p> <p>; Sequence 144, Application US/08679493A</p> <p>; Patent No. 6303295</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Taylor, Ethan W.</p> <p>; TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS</p> <p>; FILE REFERENCE: 55-95</p> <p>; CURRENT APPLICATION NUMBER: US/08/679,493A</p> <p>; CURRENT FILING DATE: 1996-07-12</p> <p>; PRIOR APPLICATION NUMBER: 60/001203</p> <p>; PRIOR FILING DATE: 1995-07-14</p> <p>; PRIOR APPLICATION NUMBER: 60/003,112</p> <p>; PRIOR FILING DATE: 1995-07-14</p> <p>; NUMBER OF SEQ ID NOS: 216</p> <p>; SOFTWARE: PatentIn Ver. 2.0</p> <p>; SEQ ID NO 137</p> <p>; LENGTH: 21</p> <p>; TYPE: RNA</p> <p>; ORGANISM: Simian immunodeficiency virus</p> <p>US-08-679-493A-137</p>	<p>Query Match            0.8%; Score 14.6; DB 1; Length 21;</p> <p>Best Local Similarity 61.9%; Pred. No. 2.3e+02;</p> <p>Matches 13; Conservative 4; Mismatches 0; Gaps 0;</p>
<p>QY     862 CTGAAGCAGTACTCGATGAC 882</p> <p>        :   :   :   :   :   :   :  </p> <p>DB     1 CUAAUCAGUACGAUGAUGC 21</p>	<p>RESULT 163</p> <p>US-08-679-493A-138</p> <p>; Sequence 138, Application US/08679493A</p> <p>; Patent No. 6303295</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Taylor, Ethan W.</p> <p>; TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS</p> <p>; FILE REFERENCE: 55-95</p> <p>; CURRENT APPLICATION NUMBER: US/08/679,493A</p> <p>; CURRENT FILING DATE: 1996-07-12</p> <p>; PRIOR APPLICATION NUMBER: 60/001203</p> <p>; PRIOR FILING DATE: 1995-07-14</p> <p>; PRIOR APPLICATION NUMBER: 60/003,112</p> <p>; PRIOR FILING DATE: 1995-09-01</p> <p>; NUMBER OF SEQ ID NOS: 216</p> <p>; SOFTWARE: PatentIn Ver. 2.0</p> <p>; SEQ ID NO 138</p> <p>; LENGTH: 21</p> <p>; TYPE: RNA</p> <p>; ORGANISM: Simian immunodeficiency virus</p> <p>US-08-679-493A-138</p>	<p>Query Match            0.8%; Score 14.6; DB 1; Length 21;</p> <p>Best Local Similarity 61.9%; Pred. No. 2.3e+02;</p> <p>Matches 13; Conservative 4; Mismatches 0; Gaps 0;</p>
<p>QY     862 CTGAAGCAGTACTCGATGAC 882</p> <p>        :   :   :   :   :   :   :  </p> <p>DB     1 CUGAUCAUAUACAUGAUGC 21</p>	<p>RESULT 164</p> <p>US-08-679-493A-144</p> <p>; Sequence 144, Application US/08679493A</p> <p>; Patent No. 6303295</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Taylor, Ethan W.</p> <p>; TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS</p> <p>; FILE REFERENCE: 55-95</p> <p>; CURRENT APPLICATION NUMBER: US/08/679,493A</p> <p>; CURRENT FILING DATE: 1996-07-12</p> <p>; PRIOR APPLICATION NUMBER: 60/001203</p> <p>; PRIOR FILING DATE: 1995-07-14</p> <p>; PRIOR APPLICATION NUMBER: 60/003,112</p> <p>; PRIOR FILING DATE: 1995-07-14</p> <p>; NUMBER OF SEQ ID NOS: 216</p> <p>; SOFTWARE: PatentIn Ver. 2.0</p> <p>; SEQ ID NO 137</p> <p>; LENGTH: 21</p> <p>; TYPE: RNA</p> <p>; ORGANISM: Simian immunodeficiency virus</p> <p>US-08-679-493A-137</p>	<p>Query Match            0.8%; Score 14.6; DB 1; Length 21;</p> <p>Best Local Similarity 61.9%; Pred. No. 2.3e+02;</p> <p>Matches 13; Conservative 4; Mismatches 0; Gaps 0;</p>

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/840,316
; FILING DATE: 11-APR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard W. Bork
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4255
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-402-776-29

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 814 CACACGGAGAGTCCCTCAC 834
Db 21 CACACTGAGAGTGGTCATC 1

RESULT 167
US-09-422-978-7806/c
; Sequence 7806, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7806
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-4126 for SEQ 3872,
US-09-422-978-7806

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 429 CAACCATCCCGCCGACGAT 449
Db 21 CAACCAACCACTCAAGT 1

RESULT 168
US-09-422-978-10136
; Sequence 10136, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
```

```

; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10136
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21_bind
; OTHER INFORMATION: downstream amplification primer 99-10104 for SEQ 2271, in comp
US-09-422-978-10136

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1060 ATCCCAACAGACATCTCC 1080
Db 1 ATCCCTACAGAGAGATAATCC 21

RESULT 169
US-09-589-460-4/c
; Sequence 4, Application US/09589460
; Patent No. 6645740
; GENERAL INFORMATION:
; APPLICANT: Bublot, et al.
; TITLE OF INVENTION: Equine GM-CSF
; FILE REFERENCE: 454313-2334.1
; CURRENT APPLICATION NUMBER: US/09/589,460
; CURRENT FILING DATE: 2000-06-07
; PRIOR APPLICATION NUMBER: 60/138,843
; PRIOR FILING DATE: 1999-06-10
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-09-589-460-4

Query Match 0.8%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 2.3e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 618 CATTAAGCTGCACAACTGGG 638
Db 21 CCTGAGCTGTACAAACAGGG 1

RESULT 170
PCT-US93-08849A-29/c
; Sequence 29, Application PC/TUS9308849A
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Recombinant Proteins Of
; TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their
; TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
```

STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/08849A  
FILING DATE: 17-SEP-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US07/947,263  
FILING DATE: 18-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: William S. Feiler  
REGISTRATION NUMBER: 26,728  
REFERENCE/DOCKET NUMBER: 2026-4032 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US93-08849A-29

Query Match 0.8%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 814 CACACGAGAGTCCCTCACC 834  
DB 21 CACACTGAGAGTGGCGTCATC 1

RESULT 171  
PCT-US93-08849-29/c  
Sequence 29, Application PC/TUS9308849  
GENERAL INFORMATION:  
APPLICANT: Tsarev, Sergei A., Emerson,  
APPLICANT: Suzanne U., Purcell, Robert H.  
TITLE OF INVENTION: Recombinant Proteins Of  
TITLE OF INVENTION: A Pakistani Strain Of Hepatitis E And Their  
TITLE OF INVENTION: Use In Diagnostic Methods And Vaccines  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESS: MORGAN & FINNEGAN  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/08849  
FILING DATE: 17-SEP-1993  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/947,263  
FILING DATE: 18-SEP-1992  
NAME:  
ATTORNEY/AGENT INFORMATION:  
NAME: Bork, Richard, W.  
REGISTRATION NUMBER: 36,459

REFERENCE/DOCKET NUMBER: 2026-4032  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 758-4800  
TELEFAX: (212) 751-6849  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US93-08849-29

Query Match 0.8%; Score 14.6; DB 1; Length 21;  
Best Local Similarity 81.0%; Pred. No. 2.3e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 814 CACACGAGAGTCCCTCACC 834  
DB 21 CACACTGAGAGTGGCGTCATC 1

RESULT 172  
US-08-881-450A-9/c  
Sequence 9, Application US/08881450A  
Patent No. 6274310  
GENERAL INFORMATION:  
APPLICANT: Habener, J.F. and Stoffers, D.A.  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING  
TITLE OF INVENTION: PANCREATIC DISEASE  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Witcoff, Inc.  
STREET: One Financial Center  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/881,450A  
FILING DATE: June 24, 1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kathleen M. Williams  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 11275/7823  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-345-9100  
TELEFAX: 617-345-9111  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
FEATURE:  
NAME/KEY: primer PCR3  
US-08-881-450A-9

Query Match 0.8%; Score 14.6; DB 1; Length 22;  
Best Local Similarity 81.0%; Pred. No. 2.5e+02;  
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 977 GAGACCTCAAGCCCGACACC 997



Db 22 GAGCCACCAAGCCCGAGATC 2

## RESULT 173

US-08-055-917-5/c  
; Sequence 5, Application US/08055917  
; Patent No. 5310875

## GENERAL INFORMATION:

APPLICANT: Chang, Tse Wen; Chang, Nancy T.  
TITLE OF INVENTION: Peptides corresponding to membrane-bound Iga

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:

ADDRESSEE: Tanox Biosystems, Inc.

STREET: 10301 Stella Link Rd.

CITY: Houston

STATE: Texas

COUNTRY: USA

ZIP: 77025

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch

COMPUTER: IBM PS/2

OPERATING SYSTEM: DOS 3.30

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/055,917

FILING DATE:

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/789,120

FILING DATE: 11/4/1991

APPLICATION NUMBER: 07/455,080

FILING DATE: 12/22/1989

ATTORNEY/AGENT INFORMATION:

NAME: Mirabel, Eric P.

REGISTRATION NUMBER: 31,211

REFERENCE/DOCKET NUMBER: TNX89-04CCC

TELECOMMUNICATION INFORMATION:

TELEPHONE: (713) 664-2288

TELEFAX: (713) 664-8914

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 nucleotides

TYPE: nucleic acid

STRANDEDNESS: Double stranded

TOPOLOGY: Linear

US-08-055-917-5

## Query Match

Best Local Similarity 0.8%; Score 14.4; DB 1; Length 17;

Mismatches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1273 GAGACGTGGCCAGGCA 1288

Db 17 GAGACTTGGCCAGGCA 2

## RESULT 174

US-08-055-068-5/c

; Sequence 5, Application US/08095068

; Patent No. 5362543

## GENERAL INFORMATION:

APPLICANT: Chang, Tse Wen; Chang, Nancy T.

TITLE OF INVENTION: Producing antibodies which bind to membrane-bound Iga using Ig

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:

ADDRESSEE: Tanox Biosystems, Inc.

STREET: 10301 Stella Link Rd.

CITY: Houston

STATE: Texas

COUNTRY: USA

ZIP: 77025

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch

COMPUTER: IBM PS/2

OPERATING SYSTEM: DOS 3.30

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/095,068

FILING DATE:

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/760,765

FILING DATE: 9/16/1991

APPLICATION NUMBER: 07/455,080

FILING DATE: 12/22/1989

ATTORNEY/AGENT INFORMATION:

NAME: Mirabel, Eric P.

REGISTRATION NUMBER: 31,211

REFERENCE/DOCKET NUMBER: TNX89-04DEE

TELECOMMUNICATION INFORMATION:

TELEPHONE: (713) 664-2288

TELEFAX: (713) 664-8914

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 nucleotides

TYPE: nucleic acid

STRANDEDNESS: Double stranded

TOPOLOGY: Linear

US-08-095-068-5

## Query Match

Best Local Similarity 0.8%; Score 14.4; DB 1; Length 17;

Mismatches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1273 GAGACGTGGCCAGGCA 1288

Db 17 GAGACTTGGCCAGGCA 2

## RESULT 175

US-08-140-721A-5/c

; Sequence 5, Application US/08140721A

; Patent No. 5484907

## GENERAL INFORMATION:

APPLICANT: Chang, Tse Wen; Chang, Nancy T.

TITLE OF INVENTION: Nucleotides Coding for the Extracellular Membrane-Bound Segr

NUMBER OF SEQUENCES: 19

CORRESPONDENCE ADDRESS:

ADDRESSEE: Tanox Biosystems, Inc.

STREET: 10301 Stella Link Rd.

CITY: Houston

STATE: Texas

COUNTRY: USA

ZIP: 77025

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch

COMPUTER: IBM PS/2

OPERATING SYSTEM: DOS 3.30

SOFTWARE: Wordperfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/140,721A

FILING DATE:

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/095,068

FILING DATE: 7/20/1993

ATTORNEY/AGENT INFORMATION:

NAME: Mirabel, Eric P.

REGISTRATION NUMBER: 31,211

REFERENCE/DOCKET NUMBER: TNX89-04FFF

TELECOMMUNICATION INFORMATION:

TELEPHONE: (713) 664-2288

TELEFAX: (713) 664-8914

INFORMATION FOR SEQ ID NO: 5:

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: Double stranded
; TOPOLOGY: Linear
US-08-140-721A-5
Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1273 GAGACGTGGCCAGGCA 1288
Db 17 GAGACTTGGCCAGGCA 2

RESULT 176
US-08-619-790C-5/c
; Sequence 5, Application US/08619790C
; Patent No. 5690934
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen; Chang, Nancy T.
; TITLE OF INVENTION: PEPTIDES RELATING TO THE EXTRACELLULAR MEMBRANE-
; TITLE OF INVENTION: BOUND SEGMENT OF HUMAN CHAIN
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: DOS 3.30
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/619,790C
; FILING DATE: 03/20/1996
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/249,558
; FILING DATE: 05/26/1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirabel, Eric P.
; REGISTRATION NUMBER: 31,211
; REFERENCE/DOCKET NUMBER: TXN89-04FGG
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 664-2288
; TELEFAX: (713) 664-8914
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: Double
; TOPOLOGY: Linear
US-08-619-790C-5

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1273 GAGACGTGGCCAGGCA 1288
Db 17 GAGACTTGGCCAGGCA 2

RESULT 177
US-08-758-306-427
; Sequence 427, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
```

```
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fastseq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 427:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-427

Query Match 0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 1.8e+02;
Matches 9; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Qy 1456 TTCTTCCTCAGTCTGG 1471
Db 1 UUCUCCUCCAGUCUGG 16

RESULT 178
US-07-785-565A-5/c
; Sequence 5, Application US/07785565A
; Patent No. 5666129
; GENERAL INFORMATION:
; APPLICANT: Chang, Tse Wen; Chang, Nancy T.
; TITLE OF INVENTION: Treating Disease with a Peptide Corresponding to Membrane-B
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Tanox Biosystems, Inc.
; STREET: 10301 Stella Link Rd.
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: DOS 3.30
```

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; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/785,565A
; FILING DATE: 19911104
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/455,080
; FILING DATE: 12/22/1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Mirabel, Eric P.
; REGISTRATION NUMBER: 31,211
; REFERENCE/DOCKET NUMBER: TNX89-04DDD
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (713) 664-2288
; TELEFAX: (713) 664-8914
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: NUCLEIC ACID
; STRANDEDNESS: Double stranded
; TOPOLOGY: Linear
; US-07-785-565A-5

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1273 GAGACGTGGCCAGGCA 1288
Db 17 GAGACTGGCCAGGCA 2

RESULT 179
US-09-436-605-8/c
; Sequence 8, Application US/09436605
; Patent No. 6140115
; GENERAL INFORMATION:
; APPLICANT: Kolodny, Edwin, H.
; APPLICANT: Wang, Zhao-Hui
; APPLICANT: Raghavan, Srinivasa,
; APPLICANT: Seng, Baijin
; TITLE OF INVENTION: The Canine (-Galactosidase Gene and Gm1-Gangliosidosis
; FILE REFERENCE: D6273
; CURRENT APPLICATION NUMBER: US/09/436,605
; CURRENT FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 25
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 2 Forward: Synthetic oligonucleotide used with SEQ ID
; OTHER INFORMATION: No. 6140115 9 (2 Reverse) for PCR amplification of nucleotides
; OTHER INFORMATION: 368-802 of canine acid (-galactosidase cDNA (SEQ ID No. 6140115 1
; OTHER INFORMATION: Also used as a primer for DNA sequencing.
; US-09-436-605-8

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 41 CAGGAGGACGACGAGT 56
Db 17 CAGGATGACGAGCAGT 2

RESULT 180
US-09-474-432B-505
; Sequence 505, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
```

```
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amer
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle
; FILE REFERENCE: MEH800-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 505
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-505

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 49 CCAGCAGTGTGACTGC 64
Db 1 CCAGCUGUGAGACUGC 16

RESULT 181
US-09-371-772B-6740
; Sequence 6740, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MEH800,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6740
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-371-772B-6740

Query Match          0.8%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 1.8e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 1034 ACTTTGGCTGGCCCG 1049
Db 1 ACTUUGGCUUGGCCCG 16

RESULT 182
US-09-476-387-504
```

; Sequence 504, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpelesky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
; FILE REFERENCE: MEBH00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-29  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 504  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-504

Query Match 0.8%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 1.8e+02;  
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 49 CCAGCAGTGTGACGCG 64  
|||||:|:|:|:|  
DB 1 CCAGCUGUGACGCG 16

RESULT 183  
US-09-827-998-543  
; Sequence 543, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 543  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-543

Query Match 0.8%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.8e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTGACG 302  
|||||:|:|:|:|  
DB 2 AACTTCGTTCTGCAAG 17

RESULT 184  
US-09-827-998-545  
; Sequence 545, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 545  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-545

Query Match 0.8%; Score 14.4; DB 1; Length 17;  
Best Local Similarity 93.8%; Pred. No. 1.8e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 288 ACTTCGTTCTGACG 303  
|||||:|:|:|:|  
DB 1 ACTTCGTTCTGCAAG 16

RESULT 185  
US-09-205-144-19/C  
; Sequence 19, Application US/09205144  
; Patent No. 5958771  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2 EXPR  
; FILE REFERENCE: RFS-0021  
; CURRENT APPLICATION NUMBER: US/09/205,144  
; CURRENT FILING DATE: 1998-12-03  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 19  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-144-19

Query Match 0.8%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 513 CCTGGAGAAGCTGACC 528  
|||||:|:|:|:|  
DB 16 CCTGGAGAAGTTGACC 1

RESULT 186  
US-09-723-534-16  
; Sequence 16, Application US/09723534  
; Patent No. 6294382  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-1 EXPRESSION  
; FILE REFERENCE: RFS-0225

; CURRENT APPLICATION NUMBER: US/09/723,534  
; CURRENT FILING DATE: 2000-11-27  
; NUMBER OF SEQ ID NOS: 49  
; SEQ ID NO 16  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-723-534-16

Query Match 0.8%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 152 AGCTGTCAATGACACT 167  
|||||  
DB 1 AGCTGTCAATGACACT 16

RESULT 187  
US-09-422-978-5066/c  
; Sequence 5066, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 5066  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1...18  
; OTHER INFORMATION: upstream amplification primer 99-20616 for SEQ 1132,  
US-09-422-978-5066

Query Match 0.8%; Score 14.4; DB 1; Length 18;  
Best Local Similarity 93.8%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 871 TACCTGGATGACTGTG 886  
|||||  
DB 17 TACCTGGATGACTGTG 2

RESULT 188  
US-09-640-672-6/c  
; Sequence 6, Application US/08640672  
; Patent No. 5789168  
; GENERAL INFORMATION:  
; APPLICANT: Leushner, James  
; APPLICANT: Hui, May  
; APPLICANT: Dunn, James M.  
; APPLICANT: Stevens, John K.  
; TITLE OF INVENTION: METHOD FOR AMPLIFICATION AND SEQUENCING  
; OF NUCLEIC ACID POLYMERS  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Oppedahl & Larson  
; STREET: 1992 Commerce Street Suite 309

; CITY: Yorktown  
; STATE: NY  
; COUNTRY: US  
; ZIP: 10598  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: MS DOS  
; SOFTWARE: Word Perfect  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/640,672  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Larson, Marina T.  
; REGISTRATION NUMBER: 32,038  
; REFERENCE/DOCKET NUMBER: VGEN.P-020-US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (914) 245-3252  
; TELEFAX: (914) 962-4330  
; TELEX:

; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; HYPOTHETICAL: no  
; ANTI-SENSE: no  
; FRAGMENT TYPE: internal  
; ORIGINAL SOURCE:  
; ORGANISM: human  
; FEATURE:  
; OTHER INFORMATION: amplification primer for DR2 alleles of  
; OTHER INFORMATION: HLA Class II genes  
US-08-640-672-6

Query Match 0.8%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 2.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1590 CCGCGTGGTGACACC 1605  
|||||  
DB 17 CCGCGTGGTGACACC 2

RESULT 189  
US-08-684-498A-6/c  
; Sequence 6, Application US/08684498A  
; Patent No. 5830657  
; GENERAL INFORMATION:  
; APPLICANT: Leushner, James  
; APPLICANT: Hui, May  
; APPLICANT: Dunn, James M.  
; APPLICANT: Larson, Marina T.  
; TITLE OF INVENTION: METHOD FOR SINGLE-TUBE SEQUENCING OF  
; NUCLEIC ACID POLYMERS  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Oppedahl & Larson  
; STREET: 1992 Commerce Street Suite 309  
; CITY: Yorktown  
; STATE: NY  
; COUNTRY: US  
; ZIP: 10598  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: MS DOS

SOFTWARE: Word Perfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/684,498A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/640,672  
FILING DATE: 1 May 1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Larson, Marina T.  
REGISTRATION NUMBER: 32,038  
REFERENCE/DOCKET NUMBER: VGEN P-031-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: no  
ANTI-SENSE: no  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
ORGANISM: human  
FEATURE:  
OTHER INFORMATION: amplification primer for DR2 alleles of  
OTHER INFORMATION: HLA Class II genes  
US-08-684-498A-6

Query Match 0.8%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 2.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1590 CCGCGTGGTGACACC 1605  
Db 17 CCGCGGCGTGACACC 2

RESULT 190  
US-08-577-858A-6/c  
Sequence 6, Application US/08577858A  
Patent No. 5834189  
GENERAL INFORMATION:  
APPLICANT: Stevens, John K.  
APPLICANT: Dunn, James M.  
APPLICANT: Leusner, Ronald  
TITLE OF INVENTION: Method for Evaluation of Polymorphic  
TITLE OF INVENTION: Genetics Sequences, and Use Thereof in Identification of HLA  
TITLE OF INVENTION: Types  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oppedahl & Larson  
STREET: 1992 Commerce Street Suite 309  
CITY: Yorktown  
STATE: NY  
COUNTRY: US  
ZIP: 10598  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS DOS  
SOFTWARE: Word Perfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/577,858A  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:

FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Larson, Marina T.  
REGISTRATION NUMBER: 32,038  
REFERENCE/DOCKET NUMBER: VGEN P-019-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
TELEX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: no  
ANTI-SENSE: no  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
ORGANISM: human  
FEATURE:  
OTHER INFORMATION: amplification primer for DR2 alleles of  
OTHER INFORMATION: HLA Class II genes  
US-08-577-858A-6

Query Match 0.8%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 2.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1590 CCGCGTGGTGACACC 1605  
Db 17 CCGCGGCGTGACACC 2

RESULT 191  
US-08-846-020A-36  
Sequence 36, Application US/08846020A  
Patent No. 6090547  
GENERAL INFORMATION:  
APPLICANT: Drazen M.D., Jeffrey M.  
APPLICANT: In M.D., Kwang-Ho  
APPLICANT: Asano M.D., Koichiro  
APPLICANT: Beier, David  
APPLICANT: Grobholz, James  
TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence  
TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CHOATE, HALL & STEWART  
STREET: 53 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2891  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/846,020A  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Jarrell Ph.D., Brenda H.  
REGISTRATION NUMBER: 39,223  
REFERENCE/DOCKET NUMBER: 0092662-0012  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-5000  
TELEFAX: (617) 248 4000  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "primer"  
; IMMEDIATE SOURCE:  
; CLONE: Exon 11 sense primer  
; US-08-846-020A-36

Query Match 0.8%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 2.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1716 CCTGAGCCCATGTTTCAC 1731  
|||||  
Db 3 CCTGAGCCCATGTTTCAC 18

RESULT 192  
US-09-177-953-9  
; Sequence 9, Application US/09177953  
; Patent No. 6274725  
; GENERAL INFORMATION:  
; APPLICANT: Sanghvi, Yogesh  
; APPLICANT: Ravi Kumar, Vasulinga T.  
; APPLICANT: Manoharan, Muthiah  
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis  
; FILE REFERENCE: IS153148  
; CURRENT APPLICATION NUMBER: US/09/177,953  
; CURRENT FILING DATE: 1998-10-23  
; PRIOR APPLICATION NUMBER: 60/087,757  
; PRIOR FILING DATE: 1998-06-02  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: No. 6274725el Sequence  
US-09-177-953-9

Query Match 0.8%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 2.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245  
|||||  
Db 3 GTGGTGGTGGTGGTGG 18

RESULT 193  
US-09-617-871-36  
; Sequence 36, Application US/09617871  
; Patent No. 6355434  
; GENERAL INFORMATION:  
; APPLICANT: Drazen M.D., Jeffrey M.  
; APPLICANT: In M.D., Kwang-Ho  
; APPLICANT: Asano M.D., Koichiro  
; APPLICANT: Beier, David  
; APPLICANT: Grobholz, James  
; TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence  
; NUMBER OF SEQUENCES: 43  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: CHOATE, HALL & STEWART  
; STREET: 53 State Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109-2891  
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/617,871  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/846,020  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jarrell Ph.D., Brenda H.  
; REGISTRATION NUMBER: 39,223  
; REFERENCE/DOCKET NUMBER: 0092662-0012  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 248-5000  
; TELEFAX: (617) 248 4000  
; INFORMATION FOR SEQ ID NO: 36:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "primer"  
; IMMEDIATE SOURCE:  
; CLONE: Exon 11 sense primer  
; US-09-617-871-36

Query Match 0.8%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 2.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1716 CCTGAGCCCATGTTTCAC 1731  
|||||  
Db 3 CCTGAGCCCATGTTTCAC 18

RESULT 194  
US-10-318-628-9  
; Sequence 9, Application US/10318628  
; Patent No. 6642373  
; GENERAL INFORMATION:  
; APPLICANT: Manoharan, Muthiah  
; APPLICANT: Ravi Kumar, Vasulinga T.  
; APPLICANT: Sanghvi, Yogesh  
; TITLE OF INVENTION: Activators For Oligonucleotide Synthesis  
; FILE REFERENCE: IS154855  
; CURRENT APPLICATION NUMBER: US/10/318,628  
; CURRENT FILING DATE: 2002-12-12  
; PRIOR APPLICATION NUMBER: 09/177,953  
; PRIOR FILING DATE: 1998-10-23  
; PRIOR APPLICATION NUMBER: 60/087,757  
; PRIOR FILING DATE: 1998-06-02  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: Patent In version 3.2  
; SEQ ID NO 9  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Synthetic construct  
US-10-318-628-9

Query Match 0.8%; Score 14.4; DB 1; Length 19;  
Best Local Similarity 93.8%; Pred. No. 2.2e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGG 245  
|||||  
Db 3 GTGGTGGTGGTGGTGG 18

RESULT 195  
US-07-940-242A-40/c  
; Sequence 40, Application US/07940242A  
; Patent No. 5427909  
; GENERAL INFORMATION:  
; APPLICANT: OKAMOTO, Hiroaki  
; APPLICANT: NAKAMURA, Tetsuo  
; TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION  
; TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES  
; NUMBER OF SEQUENCES: 99  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Beveridge, DeGrandi, Weilacher & Young  
; STREET: 1850 M Street, N.W. (Suite 800)  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/940,242A  
; FILING DATE: 08-SEP-1992  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 307296/91  
; FILING DATE: 09-SEP-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 093960/92  
; FILING DATE: 28-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Weilacher, Robert G.  
; REGISTRATION NUMBER: 20,531  
; REFERENCE/DOCKET NUMBER: 06/87-48095  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 659-2811  
; TELEFAX: (202) 659-1462  
; TELEX: WUI 64470  
; LOCATION: 1-1-20  
; OTHER INFORMATION: /label= oligonucleotide  
; INFORMATION FOR SEQ ID NO: 40:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-07-940-242A-40  
Query Match 0.8%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 2.4e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1284 AGGCATCTCTGTCAC 1299  
DB 19 AGGCATCTCTGTCAC 4  
RESULT 196  
US-07-932-379A-6/c  
; Sequence 6, Application US/07932379A  
; Patent No. 5468852  
; GENERAL INFORMATION:  
; APPLICANT: Ohashi, Tetsuo  
; APPLICANT: Toda, Jun  
; APPLICANT: Fukushima, Shigeru  
; APPLICANT: Ozaki, Hiroko  
; APPLICANT: Nishimura, Nasyuki  
; APPLICANT: Shirasaki, Yoshinari  
; TITLE OF INVENTION: Oligonucleotides for Detecting  
; TITLE OF INVENTION: Bacteria and Detection Method  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Birch, Stewart, Kolasch & Birch  
; STREET: 301 N. Washington St.  
; CITY: Falls Church  
; STATE: Virginia

; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Birch, Stewart, Kolasch & Birch  
; STREET: 301 N. Washington St.  
; CITY: Falls Church  
; STATE: Virginia  
; COUNTRY: USA  
; ZIP: 22046-3487  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/932,379A  
; FILING DATE: 19920819  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Stewart, Raymond C.  
; REGISTRATION NUMBER: 21,066  
; REFERENCE/DOCKET NUMBER: 1327-106P  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-241-1300  
; TELEFAX: 703-241-2848  
; TELEX: 248345  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULAR TYPE: DNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Vibrio parahaemolyticus  
; FEATURE:  
; NAME/KEY: -  
; LOCATION: 1-1-20  
; OTHER INFORMATION: /label= oligonucleotide  
; INFORMATION FOR SEQ ID NO: 6:  
US-07-932-379A-6  
Query Match 0.8%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 2.4e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 224 ATGAGACTGTGTGG 239  
DB 16 ATGAGACTGTGTGG 1  
RESULT 197  
US-08-379-295-6/c  
; Sequence 6, Application US/08379295  
; Patent No. 5516898  
; GENERAL INFORMATION:  
; APPLICANT: Ohashi, Tetsuo  
; APPLICANT: Toda, Jun  
; APPLICANT: Fukushima, Shigeru  
; APPLICANT: Ozaki, Hiroko  
; APPLICANT: Nishimura, Nasyuki  
; APPLICANT: Shirasaki, Yoshinari  
; APPLICANT: Yamagata, Koichi  
; TITLE OF INVENTION: Oligonucleotides for Detecting  
; TITLE OF INVENTION: Bacteria and Detection Method  
; TITLE OF INVENTION: Using Same  
; NUMBER OF SEQUENCES: 53  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Birch, Stewart, Kolasch & Birch  
; STREET: 301 N. Washington St.  
; CITY: Falls Church  
; STATE: Virginia



```
; COUNTRY: USA
; ZIP: 22046-3487
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,295
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/932,379A
; CLASSIFICATION: 536
; FILING DATE: 19-AUG-1992
; REGISTRATION NUMBER: 21,066
; ATTORNEY/AGENT INFORMATION:
; NAME: Stewart, Raymond C.
; TELEPHONE: 703-241-1300
; TELEFAX: 703-241-2848
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Vibrio parahaemolyticus
; FEATURE:
; NAME/KEY:
; LOCATION: 1..20
; OTHER INFORMATION: /label= oligonucleotide
; OTHER INFORMATION: /note= "Identification method S"
;
US-08-379-295-6

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 224 ATGAGAGTGGTGGTGG 239
Db 16 ATGAGAGTGGTGGTGG 1

RESULT 198
US-08-379-296-6/c
; Sequence 6, Application US/08379296
; Patent No. 5525718
; GENERAL INFORMATION:
; APPLICANT: Ohashi, Tetsuo
; APPLICANT: Toda, Jum
; APPLICANT: Fukushima, Shigeru
; APPLICANT: Ozaki, Hiroko
; APPLICANT: Nishimura, Naoyuki
; APPLICANT: Shirasaki, Yoshinari
; APPLICANT: Yamagata, Koichi
; TITLE OF INVENTION: Oligonucleotides for Detecting Bacteria
; TITLE OF INVENTION: and Detection Method Using Same
; NUMBER OF SEQUENCES: 53
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

```
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/379,296
; FILING DATE: 27-JAN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/932,379
; FILING DATE: 19-AUG-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Weiner, Marc S.
; REGISTRATION NUMBER: 32,181
; REFERENCE/DOCKET NUMBER: 2036-102P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Vibrio parahaemolyticus
; FEATURE:
; NAME/KEY:
; LOCATION: 1..20
; OTHER INFORMATION: /label= oligonucleotide
; OTHER INFORMATION: /note= "Identification method S"
;
US-08-379-296-6

Query Match 0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 224 ATGAGAGTGGTGGTGG 239
Db 16 ATGAGAGTGGTGGTGG 1

RESULT 199
US-08-665-259-70/c
; Sequence 70, Application US/08665259
; Patent No. 6028173
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Dackowski, William R.
; APPLICANT: Van Raay, Terence J.
; APPLICANT: Klinger, Katherine W.
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
; TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/665,259
; FILING DATE: 17-JUN-1996
```

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Dugan, Deborah A.  
REGISTRATION NUMBER: 37,315  
REFERENCE/DOCKET NUMBER: IGS-9.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (508) 872-8400  
TELEFAX: (508) 872-5415  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "oligonucleotide primer"  
US-08-665-259-70

Query Match 0.8%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 2.4e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1657 CACACCCCTCACAGG 1672  
Db 20 CACACTCTCACAGG 5

RESULT 200  
US-08-762-500-70/c  
Sequence 70, Application US/08762500  
Patent No. 6030806  
GENERAL INFORMATION:  
APPLICANT: Landes, Gregory M.  
APPLICANT: Burn, Timothy C.  
APPLICANT: Connors, Timothy D.  
APPLICANT: Dackowski, William R.  
APPLICANT: Van Raay, Terence J.  
APPLICANT: Klinger, Katherine W.  
TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,  
TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME  
NUMBER OF SEQUENCES: 83  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: GENZYME CORPORATION  
STREET: One Mountain Road  
CITY: Framingham  
STATE: Massachusetts  
COUNTRY: United States of America  
ZIP: 01701  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/762,500  
FILING DATE: 09-DEC-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/665,259  
FILING DATE: 17-JUN-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/10469  
FILING DATE: 17-JUN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Dugan, Deborah A.  
REGISTRATION NUMBER: 37,315  
REFERENCE/DOCKET NUMBER: IGS-9.3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (508) 872-8400  
TELEFAX: (508) 872-5415  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "oligonucleotide primer"  
US-08-762-500-70

Query Match 0.8%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 2.4e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1657 CACACCCCTCACAGG 1672  
Db 20 CACACTCTCACAGG 5

RESULT 201  
US-09-444-053-77  
Sequence 77, Application US/09444053A  
Patent No. 6165728  
GENERAL INFORMATION:  
APPLICANT: Donna T. Ward  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF NCK-2 EXPRESSION  
FILE REFERENCE: RTS-0122  
CURRENT APPLICATION NUMBER: US/09/444,053A  
CURRENT FILING DATE: 1999-11-19  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 77  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-444-053-77

Query Match 0.8%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 2.4e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 815 ACACGGAGAGTCCCT 830  
Db 4 ACACGGAGAGTCCCT 19

RESULT 202  
US-09-513-729B-14/c  
Sequence 14, Application US/09513729B  
Patent No. 6165791  
GENERAL INFORMATION:  
APPLICANT: Ian Popoff  
APPLICANT: Jacqueline Wyatt  
TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRES  
FILE REFERENCE: RTS-0112  
CURRENT APPLICATION NUMBER: US/09/513,729B  
CURRENT FILING DATE: 2000-02-24  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 14  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-513-729B-14

Query Match 0.8%; Score 14.4; DB 1; Length 20;  
Best Local Similarity 93.8%; Pred. No. 2.4e+02;  
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 862 CTGAAGCAGTACTCTGG 877  
Db 16 CTGGAGCAGTACTCTGG 1

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RESULT 203
US-09-907-843-21/c
; Sequence 21, Application US/09907843
; Patent No. 6440739
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-2 EXPRESSION
; FILE REFERENCE: RTS-0279
; CURRENT APPLICATION NUMBER: US/09/907,843
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-907-843-21

Query Match      0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1537 AAGGAGCCAGCCTTC 1552
Db 18 AAGGAGCCAGCCTTC 3

RESULT 204
US-09-898-361-105/c
; Sequence 105, Application US/0998361
; Patent No. 6503152
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RTS-0158
; CURRENT APPLICATION NUMBER: US/09/898,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-105

Query Match      0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 930 GCTGCTCGTGCCCTG 945
Db 19 GCTGCTCGTGCCCTG 4

RESULT 205
US-09-033-936-8
; Sequence 8, Application US/09033936
; Patent No. 6632976
; GENERAL INFORMATION:
; APPLICANT: TOMIZUKA, KAZUMA
; APPLICANT: YOSHIDA, HITOSHI
; APPLICANT: HANAOKA, KAZUNORI
; APPLICANT: OSHIMURA, MITSUO
; APPLICANT: ISHIDA, ISAO
; TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
; FILE REFERENCE: 081356/0114
; CURRENT APPLICATION NUMBER: US/09/033,936
```

```
; CURRENT FILING DATE: 1998-03-02
; PRIOR APPLICATION NUMBER: PCT/JP96/02427
; PRIOR FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-033-936-8

Query Match      0.8%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 356 CTGATGGGGAGAGTGA 371
Db 5 CTGATGGTGAGAGTGA 20

RESULT 206
US-09-595-344-4
; Sequence 4, Application US/09595344
; Patent No. 6534286
; GENERAL INFORMATION:
; APPLICANT: Li, Xin-Liang
; APPLICANT: Ljungdahl, Lars G.
; TITLE OF INVENTION: Protein Production in Aureobasidium pullulans
; FILE REFERENCE: 34-00
; CURRENT APPLICATION NUMBER: US/09/595,344
; CURRENT FILING DATE: 2000-06-15
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-09-595-344-4

Query Match      0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 308 CACTCAGCTCTGCACC 323
Db 2 CACTCAGCTCTGCACC 17

RESULT 207
US-09-380-836-58/c
; Sequence 58, Application US/09380836
; Patent No. 6551775
; GENERAL INFORMATION:
; APPLICANT: Lifton, Richard P.
; APPLICANT: Chang, Sue S.
; APPLICANT: Rossier, Bernard C.
; TITLE OF INVENTION: Method to Diagnose and Treat Pathological Conditions
; TITLE OF INVENTION: Resulting from Deficient Ion Transport such as
; TITLE OF INVENTION: Pseudohypoaldosteronism Type-1
; FILE REFERENCE: 44574-5018-US
; CURRENT APPLICATION NUMBER: US/09/380,836
; CURRENT FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 60/040,171
; PRIOR FILING DATE: 1997-03-11
; PRIOR APPLICATION NUMBER: PCT/US98/04681
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 58
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```
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: B-6 forward
; OTHER INFORMATION: PCR primer
US-09-380-836-58

Query Match          0.8%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 2.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1158 GTGGGGTGTGGGCTGC 1173
Db 17 GTGGGGTGTGGGCTGC 2

RESULT 208
US-08-437-027-7
; Sequence 7, Application US/08437027
; Patent No. 5670317
; GENERAL INFORMATION:
; APPLICANT: Landanyi, Marc
; TITLE OF INVENTION: A DIAGNOSTIC TEST FOR TEST FOR THE DESMOPLASTIC
; TITLE OF INVENTION: SMALL ROUND CELL TUMOR
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/437,027
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 46416/JPW/CCA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0525
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-437-027-7

Query Match          0.8%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1697 CTTACTCTCTGCTAC 1712
Db 7 CTTACTCTCTGCTAC 22

RESULT 209
US-08-667-079B-20
; Sequence 20, Application US/08667079B
; Patent No. 5789171
; GENERAL INFORMATION:
```

```
; APPLICANT: Mark S. Smeltzer
; TITLE OF INVENTION: Use of cna, fnbA, fnbB, and hlb Gene Probes for the Strain-
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Benjamin Aaron Adler, MCGREGOR & ADLER, P.C.
; STREET: 8011 Candle Lane
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh
; SOFTWARE: Microsoft Word for Macintosh
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,079B
; FILING DATE: June 20, 1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Adler, Benjamin Aaron
; REGISTRATION NUMBER: 35,423
; REFERENCE/DOCKET NUMBER: D5886
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 713-777-2321
; TELEFAX: 713-777-6908
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: No
; HYPOTHETICAL: No
; ANTI-SENSE: No
; ORIGINAL SOURCE:
; STRAIN:
; INDIVIDUAL ISOLATE:
; DEVELOPMENTAL STAGE:
; TISSUE TYPE:
; CELL TYPE:
; CELL LINE:
US-08-667-079B-20

Query Match          0.8%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1306 TTCAAGACATACACT 1321
Db 5 TTCAAGACATACACT 20

RESULT 210
US-08-009-263C-28/c
; Sequence 28, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESS: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/009,263C  
FILING DATE: January 25, 1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 927,506  
FILING DATE: No. 5442049ember 19, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0844  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-009-263C-28

Query Match 0.8%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAACG 149  
DB 19 GCAAGAAGAGGCAACG 1

RESULT 211  
US-08-009-263C-35/c  
Sequence 35, Application US/0809263C  
Patent No. 5442049  
GENERAL INFORMATION:  
APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker  
TITLE OF INVENTION: Oligonucleotides for Modulating the  
TITLE OF INVENTION: Effects of Cytomegalovirus Infections  
NUMBER OF SEQUENCES: 88  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESSEE: Mackiewicz & No. 5442049ris  
STREET: One Liberty Place -- 46th floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/009,263C  
FILING DATE: January 25, 1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 927,506  
FILING DATE: No. 5442049ember 19, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISIS-0844  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-009-263C-35

Query Match 0.8%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAAC 148  
DB 19 CGCAAGAAGAGCAAC 1

RESULT 212  
US-08-605-089-3  
Sequence 3, Application US/08605089  
Patent No. 5719026  
GENERAL INFORMATION:  
APPLICANT: Takafumi FUKUI  
APPLICANT: Kiyonori KATSURAGI  
APPLICANT: Moritoshi KINOSHITA  
APPLICANT: Sadahito SHIN  
TITLE OF INVENTION: METHOD FOR DETECTING POLYMORPHISM OF  
TITLE OF INVENTION: HUMAN CYTOCHROME P4501A2 GENE  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SUGHRUE, MION, ZINN, MACPEAK & SEAS  
STREET: 2100 Pennsylvania Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/605,089  
FILING DATE: 06-MAR-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JPA-6-154571  
FILING DATE: 06-JUL-1994  
APPLICATION NUMBER: PCT/JP95/01352  
FILING DATE: 06-JUL-1995  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 BASES  
TYPE: NUCLEOTIDE  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: DNA  
US-08-605-089-3

Query Match 0.8%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 270 ACGTGCTGCTCTGGGAA 289  
DB 1 ATGTGCTGACCTGGGAA 19

RESULT 213  
US-08-332-766A-56  
Sequence 56, Application US/08332766A  
Patent No. 5843647

```
/
/ GENERAL INFORMATION:
/ APPLICANT: JEFFREYS, Alec J.
/ TITLE OF INVENTION: ARMOUR, John
/ NUMBER OF SEQUENCES: 125
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: CUSHMAN DARY & CUSHMAN, L.L.P.
/ STREET: 1100 New York Avenue, N.W.
/ CITY: Washington
/ STATE: D. C.
/ COUNTRY: U.S.A.
/ ZIP: 20005-3918
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/332,766A
/ FILING DATE: 01-NOV-1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: GB 9326052.9
/ FILING DATE: 21-DEC-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: BIRD, Donald J.
/ REGISTRATION NUMBER: 25,323
/ REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB
/ TELEPHONE: (202) 861-3000
/ TELEFAX: (202) 822-0944
/ TELE: 6714627 CUSH
/ INFORMATION FOR SEQ ID NO: 56:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-332-766A-56

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1446 GAAACATCCATCTTTCCTC 1464
Db 1 GATCCATCCATCTTTCCTC 19

RESULT 214
US-08-838-715B-28/c
; Sequence 28, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kisner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
```

```
/
/ FILING DATE: April 9, 1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/568,366
/ FILING DATE: 8/16/90
/ APPLICATION NUMBER: 07/927,506
/ FILING DATE: 11/19/92
/ APPLICATION NUMBER: 08/009,263
/ FILING DATE: 1/25/93
/ APPLICATION NUMBER: 08/233,711
/ FILING DATE: 4/26/94
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jane Massey Licata
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0204
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (609) 779-2400
/ TELEFAX: (609) 810-1454
/ INFORMATION FOR SEQ ID NO: 28:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES
/ US-08-838-715B-28

Query Match 0.8%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 2.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAACG 149
Db 19 GCAAGAAGAAGACAAACG 1

RESULT 215
US-08-838-715B-35/c
; Sequence 35, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kisner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
```

; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0204  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 810-1454  
; INFORMATION FOR SEQ ID NO: 35:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-838-715B-35

Query Match 0.8%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 130 CGGATGAGAGATCAAC 148  
||| ||||| ||||| |||||  
Db 19 CGAAGAGAGAGCAAAAC 1

RESULT 216  
US-09-487-792-51/c  
; Sequence 51, Application US/09487792  
; Patent No. 6433145  
; GENERAL INFORMATION:  
; APPLICANT: Human Genome Sciences, Inc.  
; TITLE OF INVENTION: Keratinocyte Derived Interferon  
; FILE REFERENCE: PF482P1  
; CURRENT APPLICATION NUMBER: US/09/487,792  
; CURRENT FILING DATE: 2000-01-20  
; EARLIER APPLICATION NUMBER: 60/093,643  
; EARLIER FILING DATE: 1998-07-21  
; EARLIER APPLICATION NUMBER: PCT/US99/16424  
; EARLIER FILING DATE: 1999-07-21  
; NUMBER OF SEQ ID NOS: 54  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 51  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-487-792-51

Query Match 0.8%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 926 TCCAGCTGCTCCGTGGCCT 944  
||| ||||| ||||| |||||  
Db 19 TCAAGCTGCTCTGTGGCT 1

RESULT 217  
US-09-908-594-51/c  
; Sequence 51, Application US/09908594  
; Patent No. 6472512  
; GENERAL INFORMATION:  
; APPLICANT: Lafleur, et al.  
; TITLE OF INVENTION: Keratinocyte Derived Interferon  
; FILE REFERENCE: PF482P2  
; CURRENT APPLICATION NUMBER: US/09/908,594  
; CURRENT FILING DATE: 2001-07-20  
; PRIOR APPLICATION NUMBER: 60/292,934  
; PRIOR FILING DATE: 2001-05-24  
; PRIOR APPLICATION NUMBER: 60/219,621  
; PRIOR FILING DATE: 2000-07-21  
; PRIOR APPLICATION NUMBER: 09/487,792  
; PRIOR FILING DATE: 2000-01-20

; PRIOR APPLICATION NUMBER: US00/01239  
; PRIOR FILING DATE: 2000-01-20  
; PRIOR APPLICATION NUMBER: 09/358,587  
; PRIOR FILING DATE: 1999-07-21  
; PRIOR APPLICATION NUMBER: US99/16424  
; PRIOR FILING DATE: 1999-07-21  
; PRIOR APPLICATION NUMBER: 60/093,643  
; PRIOR FILING DATE: 1998-07-21  
; NUMBER OF SEQ ID NOS: 57  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 51  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; NAME/KEY: Primer Bind  
; OTHER INFORMATION: Synthetic primer complementary to the human IFNa2.  
US-09-908-594-51

Query Match 0.8%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 926 TCCAGCTGCTCCGTGGCCT 944  
||| ||||| ||||| |||||  
Db 19 TCAAGCTGCTCTGTGGCT 1

RESULT 218  
US-08-921-497-1  
; Sequence 1, Application US/08921497  
; Patent No. 6521225  
; GENERAL INFORMATION:  
; APPLICANT: Srivastava, Arun  
; APPLICANT: Ponnazhagan, Selvarangan  
; APPLICANT: Chloemer, Robert H.  
; APPLICANT: Wang, Xu-Shan  
; APPLICANT: Yoder, Mervin C.  
; APPLICANT: Zhou, Shang-Zhen  
; APPLICANT: Escobedo, Jaime  
; APPLICANT: Varivani, Dwaraki  
; TITLE OF INVENTION: An AAV Vector Having Two Modified D-Sequences (As Amended)  
; FILE REFERENCE: 1242.003  
; CURRENT APPLICATION NUMBER: US/08/921,497  
; CURRENT FILING DATE: 1997-09-02  
; PRIOR APPLICATION NUMBER: US 60/025,616  
; PRIOR FILING DATE: 1996-09-06  
; PRIOR APPLICATION NUMBER: US 60/025,649  
; PRIOR FILING DATE: 1996-09-11  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: The full sequence for lacZ from plasmid PCMV p-lacZ is found  
; OTHER INFORMATION: Ponnazhagan, et al., J. Gen Virol., 77:1111-1122 (1996)  
; NAME/KEY: misc\_feature  
; OTHER INFORMATION: primer for lacZ  
US-08-921-497-1

Query Match 0.8%; Score 14.2; DB 1; Length 19;  
Best Local Similarity 84.2%; Pred. No. 2.5e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 223 GATGAGGTGGTGGTG 241  
||||| ||||| |||||  
Db 1 GATGAGGTGGTGGTTATG 19

RESULT 219  
US-08-065-845-2/c

```
; Sequence 2, Application US/08065845
; Patent No. 5426027
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKROFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/065,845
; FILING DATE: 19930520
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-065-845-4
;
; Query Match 0.8%; Score 14.2; DB 1; Length 20;
; Best Local Similarity 84.2%; Pred. No. 2.7e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1549 CTTGGTCTTCGTCGATGC 1567
DB 19 CTGCGTCTTCATCGATGC 1
;
; RESULT 220
; US-065-845-4
; Sequence 4, Application US/08065845
; Patent No. 5426027
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKROFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/065,845
; FILING DATE: 19930520
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-065-845-4
;
; Query Match 0.8%; Score 14.2; DB 1; Length 20;
; Best Local Similarity 84.2%; Pred. No. 2.7e+02;
; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 1549 CTTGGTCTTCGTCGATGC 1567
DB 2 CTGCGTCTTCATCGATGC 20
;
; RESULT 221
; US-065-263C-30/c
; Sequence 30, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; EFFECT OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
```



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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-009-263C-30

Query Match
Best Local Similarity 0.8%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 131 GGATGAAGAAGATCAACG 149
Db 20 GCAAGAGAGACCAACG 2

RESULT 222
US-08-222-177A-339/c
; Sequence 339, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 339:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd106p2
US-08-222-177A-339

Query Match
Best Local Similarity 0.8%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 708 GATCAGACTGCAACATGAA 726
Db 20 GCTCTGACTGCAACATGAA 2

RESULT 223
```

```

US-08-233-608-39
; Sequence 39, Application US/08233608
; Patent No. 5585238
; GENERAL INFORMATION:
; APPLICANT: Ligon, James M
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ciba-Geigy Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: NY
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,608
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Spruill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: CGC 1739
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8615
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: Oligonucleotide primer ITS2
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-233-608-39

Query Match
Best Local Similarity 0.8%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGGGTCTTCGTCGATGC 1567
Db 2 CTGGTTCCTTCATCGATGC 20

RESULT 224
US-08-233-608-40/c
; Sequence 40, Application US/08233608
; Patent No. 5585238
; GENERAL INFORMATION:
; APPLICANT: Ligon, James M
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ciba-Geigy Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: NY
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

```
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,608
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Spruill, W. Murray
; REGISTRATION NUMBER: 32,943
; REFERENCE/DOCKET NUMBER: CGC 1739
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8615
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: Oligonucleotide primer ITS3
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-233-608-40

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 19 CTGCGTCTTCATCGATGC 1

RESULT 225
US-08-429-523-2/c
; Sequence 2, Application US/08429523
; Patent No. 5631132
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKOFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 08/429,523
; APPLICATION NUMBER: US 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-9880
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-429-523-4

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 2 CTGCGTCTTCATCGATGC 20
```

```
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-429-523-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 19 CTGCGTCTTCATCGATGC 1

RESULT 226
US-08-429-523-4
; Sequence 4, Application US/08429523
; Patent No. 5631132
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKOFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 08/429,523
; APPLICATION NUMBER: US 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-9880
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-429-523-4

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 2 CTGCGTCTTCATCGATGC 20
```

```
RESULT 227
US-08-429-532-2/c
; Sequence 2, Application US/08429532
; Patent No. 5635353
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKROFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,532
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-429-532-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 19 CTGCGTTCTTCATCGATGC 1

RESULT 228
US-08-429-532-4
; Sequence 4, Application US/08429532
; Patent No. 5635353
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKROFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,532
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/065,845
; FILING DATE: 20-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SPRATT, GWENDOLYN D.
; REGISTRATION NUMBER: 36,016
; REFERENCE/DOCKET NUMBER: 1414.066
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-429-532-4

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 2 CTGCGTTCTTCATCGATGC 20

RESULT 229
US-08-429-522-2/c
; Sequence 2, Application US/08429522
; Patent No. 5645992
; GENERAL INFORMATION:
; APPLICANT: LOTT, TIMOTHY J.
; APPLICANT: MORRISON, CHRISTINE J.
; APPLICANT: REISS, ERROLL
; APPLICANT: LASKER, BRENT
; APPLICANT: ZAKROFF, SANDRA
; TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR
; DETECTING DNA FROM CANDIDA CELLS IN BLOOD
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/429,522
; FILING DATE: 26-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: 08/065,845  
FILING DATE: 20-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: SPRATT, GWENDOLYN D.  
REGISTRATION NUMBER: 36,016  
REFERENCE/DOCKET NUMBER: 1414.066  
TELEPHONE: 404/688-0770  
TELEFAX: 404/688-9880  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-429-522-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567  
DB 19 CTGCGTCTTCATCGATGC 1

RESULT 230  
US-08-429-522-4  
Sequence 4, Application US/08429522  
Patent No. 5645992  
GENERAL INFORMATION:  
APPLICANT: LOTT, TIMOTHY J.  
APPLICANT: MORRISON, CHRISTINE J.  
APPLICANT: REISS, ERROLL  
APPLICANT: LASKER, BRENT  
APPLICANT: ZAKROFF, SANDRA  
TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR  
DETECTING DNA FROM CANDIDA CELLS IN BLOOD  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
STREET: Suite 1200, 127 Peachtree Street  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 26-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/065,845  
FILING DATE: 20-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: SPRATT, GWENDOLYN D.  
REGISTRATION NUMBER: 36,016  
REFERENCE/DOCKET NUMBER: 1414.066  
TELEPHONE: 404/688-0770  
TELEFAX: 404/688-9880  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)

US-08-429-522-4

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567  
DB 2 CTGCGTCTTCATCGATGC 20

RESULT 231  
US-08-429-520-2/C  
Sequence 2, Application US/08429520  
Patent No. 5688644  
GENERAL INFORMATION:  
APPLICANT: LOTT, TIMOTHY J.  
APPLICANT: MORRISON, CHRISTINE J.  
APPLICANT: REISS, ERROLL  
APPLICANT: LASKER, BRENT  
APPLICANT: ZAKROFF, SANDRA  
TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR  
DETECTING DNA FROM CANDIDA CELLS IN BLOOD  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
STREET: Suite 1200, 127 Peachtree Street  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 26-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/065,845  
FILING DATE: 20-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: SPRATT, GWENDOLYN D.  
REGISTRATION NUMBER: 36,016  
REFERENCE/DOCKET NUMBER: 1414.066  
TELEPHONE: 404/688-0770  
TELEFAX: 404/688-9880  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-429-520-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567  
DB 19 CTGCGTCTTCATCGATGC 1

RESULT 232  
US-08-429-520-4  
Sequence 4, Application US/08429520  
Patent No. 5688644  
GENERAL INFORMATION:

APPLICANT: LOTT, TIMOTHY J.  
APPLICANT: MORRISON, CHRISTINE J.  
APPLICANT: REISS, EROLL  
APPLICANT: LASKER, BRENT  
APPLICANT: ZAKOFF, SANDRA  
TITLE OF INVENTION: NUCLEIC ACID SEQUENCES AND METHODS FOR  
TITLE OF INVENTION: DETECTING DNA FROM CANDIDA CELLS IN BLOOD  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
STREET: Suite 1200, 127 Peachtree Street  
CITY: Atlanta  
STATE: Georgia  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/429,520  
FILING DATE: 26-APR-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/065,845  
FILING DATE: 20-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: SPRATT, GWENDOLYN D.  
REGISTRATION NUMBER: 36,016  
REFERENCE/DOCKET NUMBER: 1414.066  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 404/688-0770  
TELEFAX: 404/688-9880  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-429-520-4

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTGCGTCTTCGTGATGC 1567  
Db 2 CTGCGTCTTCATCGATGC 20

RESULT 233  
US-08-531-556-102/c  
Sequence 102, Application US/08531556  
Patent No. 5776682  
GENERAL INFORMATION:  
APPLICANT: Agoulnik, Alexander I  
APPLICANT: Kent First, Marijo  
APPLICANT: Muallem, Ariège  
TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION  
TITLE OF INVENTION: BATTERY  
NUMBER OF SEQUENCES: 124  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dewitt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: WI  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/531,556  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 34506.034CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 608-831-2100  
TELEFAX: 608-831-2106  
INFORMATION FOR SEQ ID NO: 102:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-531-556-102

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1483 CACAACTTCCTGACACTA 1501  
Db 19 CAAAACTTCCTGAGACCA 1

RESULT 234  
US-08-742-023-10  
Sequence 10, Application US/08742023  
Patent No. 5800997  
GENERAL INFORMATION:  
APPLICANT: Beck, James J.  
TITLE OF INVENTION: Detection of Maize Fungal Pathogens  
TITLE OF INVENTION: Using the Polymerase Chain Reaction  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CIBA-GEIGY Corporation  
STREET: 520 White Plains Road, P.O. Box 2005  
CITY: Tarrytown  
STATE: NY  
COUNTRY: USA  
ZIP: 10591  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/742,023  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919) 541-8587  
TELEFAX: (919) 541-8689  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer ITS2"  
US-08-742-023-10

Query Match 0.8%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 2.7e+02; Indels 0; Gaps 0;  
Matches 16; Conservative 0; Mismatches 3;

QY 1549 CTTCGGTCTTCGTCGATGC 1567  
DB 2 CTGCGTCTTCATCGATGC 20

RESULT 235  
US-08-742-023-11/c  
; Sequence 11, Application US/08742023  
; Patent No. 5800397  
; GENERAL INFORMATION:  
; APPLICANT: Beck, James J.  
; TITLE OF INVENTION: Detection of Maize Fungal Pathogens  
; TITLE OF INVENTION: Using the Polymerase Chain Reaction  
; NUMBER OF SEQUENCES: 41  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CIBA-GEIGY Corporation  
; STREET: 520 White Plains Road, P.O. Box 2005  
; CITY: Tarrytown  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10591  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/742.023  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meigs, J. Timothy  
; REGISTRATION NUMBER: 38,241  
; TELEPHONE: (919) 541-8587  
; TELEFAX: (919) 541-8689  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "primer ITS3"  
US-08-742-023-11

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567  
DB 19 CTGCGTCTTCATCGATGC 1

RESULT 236  
US-08-887-480-39  
; Sequence 39, Application US/08887480  
; Patent No. 5814453  
; GENERAL INFORMATION:  
; APPLICANT: Beck, James J.  
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the  
; TITLE OF INVENTION: Polymerase Chain Reaction  
; NUMBER OF SEQUENCES: 96  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: No. 5814453artis Corporation  
; STREET: 520 White Plains Road  
; CITY: Tarrytown  
; STATE: NY  
; COUNTRY: USA

ZIP: 10591  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/887,480  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/722,187  
; FILING DATE: 15-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meigs, J. Timothy  
; REGISTRATION NUMBER: 38,241  
; REFERENCE/DOCKET NUMBER: CGC 1739/PCT/CIP  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 919-541-8587  
; TELEFAX: 919-541-8689  
; INFORMATION FOR SEQ ID NO: 39:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Other nucleic acid  
; DESCRIPTION: Oligonucleotide primer ITS2  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-887-480-39

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567  
DB 2 CTGCGTCTTCATCGATGC 20

RESULT 237  
US-08-887-480-40/c  
; Sequence 40, Application US/08887480  
; Patent No. 5814453  
; GENERAL INFORMATION:  
; APPLICANT: Beck, James J.  
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the  
; TITLE OF INVENTION: Polymerase Chain Reaction  
; NUMBER OF SEQUENCES: 96  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: No. 5814453artis Corporation  
; STREET: 520 White Plains Road  
; CITY: Tarrytown  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10591  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/887,480  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/722,187  
; FILING DATE: 15-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meigs, J. Timothy  
; REGISTRATION NUMBER: 38,241  
; REFERENCE/DOCKET NUMBER: CGC 1739/PCT/CIP



COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICANT: US/08/267,803B  
FILING DATE: 28-JUN-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: McCormack, Myra H.  
REGISTRATION NUMBER: 36,602  
REFERENCE/DOCKET NUMBER: 110.00030120  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-305-1217  
TELEFAX: 612-305-1228  
INFORMATION FOR SEQ ID NO: 79:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-267-803B-79

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 40 GCAGGAGGACGACGTGT 58  
DB 2 GCAGGATGACGACCTGT 20

RESULT 241  
US-08-753-979A-32/c  
Sequence 32, Application US/08/753979A  
Patent No. 5840549  
GENERAL INFORMATION:  
APPLICANT: Kent First, Marijo  
APPLICANT: Mullen, Arlene  
TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION  
TITLE OF INVENTION: BATTERY  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DeWitt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: WI  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICANT: US/08/753,979A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 34506.051  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 608-831-2100  
TELEFAX: 608-831-2106  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)  
US-08-753-979A-32

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1483 CACAACTTCCTGACACTA 1501  
DB 19 CAAAACTTCCTGAGACCA 1

RESULT 242  
US-08-709-874A-7  
Sequence 7, Application US/08/709874A  
Patent No. 5854040  
GENERAL INFORMATION:  
APPLICANT: Ozaki, Akio  
APPLICANT: Mori, Hideo  
APPLICANT: Shibasaki, Takeshi  
APPLICANT: Ando, Katsuhiko  
APPLICANT: Chiba, Shigeru  
TITLE OF INVENTION: Process for Producing  
TITLE OF INVENTION: Trans-4-Hydroxy-L-Proline  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ANTONELLI, TERRY, STOUT AND KRAUS, LLP  
STREET: 1300 NORTH SEVENTEENTH STREET  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: U.S.A.  
ZIP: 22209  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICANT: US/08/709,874A  
FILING DATE: 09-SEP-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
FILING DATE: 08/301,653  
FILING DATE: 07-SEP-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
FILING DATE: 08/482,554  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Terry, David T.  
REGISTRATION NUMBER: 20178  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-312-6600  
TELEFAX: 703-312-6666  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid, synthetic DNA  
US-08-709-874A-7

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 856 AAGGACCTGAAGCAGTACC 874  
DB 1 ACGGAGCTCAAGCAGTACC 19



RESULT 243  
US-08-704-207-2/c  
; Sequence 2, Application US/08704207  
; Patent No. 5874221  
; GENERAL INFORMATION:  
; APPLICANT: Tooley, Paul W.  
; APPLICANT: Bunyard, Britt  
; APPLICANT: Carras, Marie M.  
; APPLICANT: Hatzioulas, Efsthios  
; TITLE OF INVENTION: Species Specific Method for the PCR  
; TITLE OF INVENTION: Detection of Phytrophthora  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Janelle S. Graeter  
; STREET: Room 411, Building 005, BARC-W  
; CITY: Beltsville  
; STATE: MD  
; COUNTRY: USA  
; ZIP: 20705  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/704,207  
; FILING DATE: 28-AUG-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Graeter, Janelle S.  
; REGISTRATION NUMBER: 35,024  
; REFERENCE/DOCKET NUMBER: 0081.96  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 301-504-6629  
; TELEFAX: 301-504-5060  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Phytrophthora infestans  
US-08-704-207-2  
Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1549 CTTGGTCTTCGTCGATGC 1567  
Db 19 CTGGTTCTTCATCGATGC 1  
RESULT 244  
US-08-879-260-7  
; Sequence 7, Application US/08879260  
; Patent No. 5935851  
; GENERAL INFORMATION:  
; APPLICANT: Murthy, Anita E.  
; APPLICANT: Gussella, James F.  
; TITLE OF INVENTION: TPR-Containing Genes  
; NUMBER OF SEQUENCES: 11  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C  
; STREET: 1100 New York Ave, N.W., Suite 600  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/879,260  
; FILING DATE: 19JUN1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/020,204  
; FILING DATE: 20JUN1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ludwig, Steven R.  
; REGISTRATION NUMBER: 36,203  
; REFERENCE/DOCKET NUMBER: 0609.4260001/JAG/SRL  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-371-2600  
; TELEFAX: 202-371-2540  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-879-260-7  
Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 281 CTGGGGACTTCGTTCTGC 299  
Db 1 CTGGGAACTTGGTTCTCC 19  
RESULT 245  
US-08-726-012B-14/c  
; Sequence 14, Application US/08726012B  
; Patent No. 5952190  
; GENERAL INFORMATION:  
; APPLICANT: Hans Joenje, et al.  
; TITLE OF INVENTION: CDNA FOR FANCONI ANEMIA COMPLEMENTATION GROUP A  
; NUMBER OF SEQUENCES: 18  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klarquist Sparkman Campbell Leigh & Whinston, LLP  
; STREET: One World Trade Center, Suite 1600, 121 S.W. Salmon Street  
; CITY: Portland  
; STATE: OR  
; COUNTRY: USA  
; ZIP: 97204-2988  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Disk, 3.5-inch  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: MS DOS  
; SOFTWARE: WordPerfect 5.1+, ASCII  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/726,012B  
; FILING DATE: 10/04/96  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Richard J. Polley  
; REGISTRATION NUMBER: 28,107  
; REFERENCE/DOCKET NUMBER: 3812-45520/RJP/DJE  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (503) 226-7391  
; TELEFAX: (503) 228-9446  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:

```
;
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-726-012B-14
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 259 GAGGCCCCACACGTGTG 277
Db 19 GAGTGCCCAACATGTGTG 1

RESULT 246
US-08-722-187-39
; Sequence 39, Application US/08722187
; Patent No. 5955274
; GENERAL INFORMATION:
; APPLICANT: Ligon, James M
; APPLICANT: Beck, James J
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 86
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ciba-Geigy Corporation
; STREET: 7 Skyline Drive
; CITY: Hawthorne
; STATE: NY
; COUNTRY: USA
; ZIP: 10532
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/722,187
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/233,608
; FILING DATE: 04-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Walsh, Andrea C.
; REGISTRATION NUMBER: 34,988
; REFERENCE/DOCKET NUMBER: CGC 1739
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8666
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; DESCRIPTION: Oligonucleotide primer ITS3
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-722-187-40
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGGTCTTCGTCGATGC 1567
Db 19 CTGGTCTTCATCGATGC 1

RESULT 248
US-08-837-201C-99/c
; Sequence 99, Application US/08837201C
; Patent No. 5985558
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean, Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
```

ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/837,201C  
FILING DATE: April 14, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 99:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-837-201C-99

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1720 AGCCATGTTCACTGCGCCA 1738  
|||||  
Db 19 AGCCATCTCCACGAGCCCA 1

RESULT 249  
US-08-822-028-24/c  
Sequence 24, Application US/08822028  
Patent No. 5993813  
GENERAL INFORMATION:  
APPLICANT: MEZES, PETER S  
APPLICANT: GOURLIE, BRIAN B  
APPLICANT: RIXON, MARK W  
APPLICANT: ANDERSON, WH KERR  
APPLICANT: KAPLAN, DONALD A  
APPLICANT: SCHOLOM, JEFFREY  
TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY,  
MODIFIED ANTIBODIES FOR CANCER TREATMENT  
NUMBER OF SEQUENCES: 74  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DUANE C ULMER  
STREET: P.O. BOX 1967  
CITY: MIDLAND  
STATE: MICHIGAN  
COUNTRY: USA  
ZIP: 48641-1967  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/822,028  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/040,687  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: ULMER, DUANE C

REGISTRATION NUMBER: 34,941  
REFERENCE/DOCKET NUMBER: C-37,075C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (517) 636-8104  
INFORMATION FOR SEQ ID NO: 24:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
US-08-822-028-24  
Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1293 GTCCAACGAGGAGTTCAAG 1311  
|||||  
Db 20 GTACATGAGAAGTTCAAG 2

RESULT 250  
US-08-822-028-44/c  
Sequence 44, Application US/08822028  
Patent No. 5993813  
GENERAL INFORMATION:  
APPLICANT: MEZES, PETER S  
APPLICANT: GOURLIE, BRIAN B  
APPLICANT: RIXON, MARK W  
APPLICANT: ANDERSON, WH KERR  
APPLICANT: KAPLAN, DONALD A  
APPLICANT: SCHOLOM, JEFFREY  
TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY,  
MODIFIED ANTIBODIES FOR CANCER TREATMENT  
NUMBER OF SEQUENCES: 74  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DUANE C ULMER  
STREET: P.O. BOX 1967  
CITY: MIDLAND  
STATE: MICHIGAN  
COUNTRY: USA  
ZIP: 48641-1967  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/822,028  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/040,687  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: ULMER, DUANE C  
REGISTRATION NUMBER: 34,941  
REFERENCE/DOCKET NUMBER: C-37,075C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (517) 636-8104  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
US-08-822-028-44

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1293 GTCCAACGAGGAGTTCAAG 1311

Db 20 GTACATGAGAGTTCAAG 2

RESULT 251  
US-08-707-399E-6  
; Sequence 6, Application US/08707399E  
; Patent No. 6008014  
; GENERAL INFORMATION:  
; APPLICANT: Acton, Susan and Gimeno, Carlos  
; TITLE OF INVENTION: Lipid Metabolic Pathway Compositions  
; TITLE OF INVENTION: and Therapeutic and Diagnostic Uses Therefor  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD, LLP  
; STREET: 28 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION NUMBER: US/08/707,399E  
; APPLICATION FILING DATE: September 4, 1996  
; PRIOR APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Amy E. Mandragoras  
; REGISTRATION NUMBER: 36,207  
; REFERENCE/DOCKET NUMBER: MNI-006  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617)227-7400  
; TELEFAX: (617)227-5941  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-707-399E-6

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 864 GAAGCAGTACCTGGTGTGAC 882  
DB 2 GAAGAAGAACCGAGGTGAC 20

RESULT 252  
US-09-357-070-29/c  
; Sequence 29, Application US/09357070  
; Patent No. 6046049  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF P13 KINASE P110 DELTA EXPRESSION  
; FILE REFERENCE: RTS-0076  
; CURRENT APPLICATION NUMBER: US/09/357,070  
; CURRENT FILING DATE: 1999-07-19  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 29  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-357-070-29

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1231 CAGCTACACTTCATCTCC 1249  
DB 19 CTGCTAGACTTCAGCTTC 1

RESULT 253  
US-08-968-505-10  
; Sequence 10, Application US/08968505  
; Patent No. 6071698  
; GENERAL INFORMATION:  
; APPLICANT: Beck, James J.  
; TITLE OF INVENTION: Detection of Maize Fungal Pathogens  
; TITLE OF INVENTION: Using the Polymerase Chain Reaction  
; NUMBER OF SEQUENCES: 41  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CIBA-GEIGY Corporation  
; STREET: 520 White Plains Road, P.O. Box 2005  
; CITY: Tarrytown  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10591  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION NUMBER: US/08/968,505  
; APPLICATION FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/742,023  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meigs, J. Timothy  
; REGISTRATION NUMBER: 38,241  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (919) 541-8587  
; TELEFAX: (919) 541-8689  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "primer ITS2"  
US-08-968-505-10

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTGCGTCTTCGTCGATGC 1567  
DB 2 CTGCGTCTTCATCGATGC 20

RESULT 254  
US-08-968-505-11/c  
; Sequence 11, Application US/08968505  
; Patent No. 6071698  
; GENERAL INFORMATION:  
; APPLICANT: Beck, James J.  
; TITLE OF INVENTION: Detection of Maize Fungal Pathogens  
; TITLE OF INVENTION: Using the Polymerase Chain Reaction

NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CIBA-GEIGY Corporation  
STREET: 520 White Plains Road, P.O. Box 2005  
CITY: Tarrytown  
STATE: NY  
COUNTRY: USA  
ZIP: 10591  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/968,505  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/742,023  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Meigs, J. Timothy  
REGISTRATION NUMBER: 38,241  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (919) 541-8587  
TELEFAX: (919) 541-8689  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer ITS3"  
US-08-968-505-11

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGGTCTTCGCGATGC 1567  
DB 19 CTGGTCTTCATCGATGC 1

RESULT 255  
US-09-287-796-121/c  
Sequence 121, Application US/09287796A  
Patent No. 6133246  
GENERAL INFORMATION:  
APPLICANT: McKay, Robert A.  
APPLICANT: Dean, Nicholas M.  
APPLICANT: Monia, Brett  
APPLICANT: Netro, Pam  
APPLICANT: Gaarde, William A.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS  
TITLE OF INVENTION: FOR THE MODULATION OF UNK PROTEINS  
FILE REFERENCE: ISPH-0350  
CURRENT APPLICATION NUMBER: US/09/287,796A  
CURRENT FILING DATE: 1999-04-07  
EARLIER APPLICATION NUMBER: 09/130,616  
EARLIER FILING DATE: 1998-08-07  
EARLIER APPLICATION NUMBER: 08/910,629  
EARLIER FILING DATE: 1997-08-03  
NUMBER OF SEQ ID NOS: 165  
SEQ ID NO 121  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic Sequence  
US-09-287-796-121

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1424 GGATCTCCGACGAGATGC 1442  
DB 20 GGATCTCCGACGAGC 2

RESULT 256  
US-08-838-715B-30/c  
Sequence 30, Application US/08838715B  
Patent No. 6153595  
GENERAL INFORMATION:  
APPLICANT: Draper, Chapman, Kisner, Anderson  
TITLE OF INVENTION: Composition and Method for Treatment  
TITLE OF INVENTION: of CMV Infection  
NUMBER OF SEQUENCES: 90  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Jane Massey Licata, Esq.  
STREET: 66 E. Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM 486  
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/838,715B  
FILING DATE: April 9, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/568,366  
FILING DATE: 8/16/90  
APPLICATION NUMBER: 07/927,506  
FILING DATE: 11/19/92  
APPLICATION NUMBER: 08/009,263  
FILING DATE: 1/25/93  
APPLICATION NUMBER: 08/233,711  
FILING DATE: 4/26/94  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0204  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HFOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-838-715B-30

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 131 GGATGAAGAGATCAACG 149  
DB 20 GCAAGAAGAGAGCAACG 2

RESULT 257  
US-08-838-715B-90/c  
Sequence 90, Application US/08838715B

```
/ Patent No. 6153595
/ GENERAL INFORMATION:
/ APPLICANT: Draper, Chapman, Kisser, Anderson
/ TITLE OF INVENTION: Composition and Method for Treatment
/ TITLE OF INVENTION: of CMV Infection
/ NUMBER OF SEQUENCES: 90
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Jane Massey Licata, Esq.
/ STREET: 66 E. Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: USA
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM 486
/ OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
/ SOFTWARE: WORDPERFECT 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/838,715B
/ FILING DATE: April 9, 1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/568,366
/ FILING DATE: 8/16/90
/ APPLICATION NUMBER: 07/927,506
/ FILING DATE: 11/19/92
/ APPLICATION NUMBER: 08/009,263
/ FILING DATE: 1/25/93
/ APPLICATION NUMBER: 08/233,711
/ FILING DATE: 4/26/94
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jane Massey Licata
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0204
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (609) 779-2400
/ TELEFAX: (609) 810-1454
/ INFORMATION FOR SEQ ID NO: 90:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ US-08-838-715B-90

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 131 GGATGAAGAAGATCAACG 149
Db 20 GCAAGAAGAAGACG 2

RESULT 258
US-08-087-194-18
; Sequence 18, Application US/09087194
; Patent No. 6159718
; GENERAL INFORMATION:
; APPLICANT: Dalboege, Henrik
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofoed, Lene V.
; APPLICANT: Kauppinen, Markus S.
; APPLICANT: Christgau, Stephan
; APPLICANT: Heldt-Hansen, Hans P.
; APPLICANT: Halkier, Torben
; TITLE OF INVENTION: An Enzyme With Polygalacturonase
; TITLE OF INVENTION: Activity
; NUMBER OF SEQUENCES: 37
```

```
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: No. 61597180 No. 6159718disk of No. 6159718th America, Inc.
/ STREET: 405 Lexington Avenue, 64th Floor
/ CITY: New York
/ STATE: New York
/ COUNTRY: United States of America
/ ZIP: 10174-6401
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/087,194
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/448,624
/ FILING DATE: 06-JUN-1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Lambiris, Elias J.
/ REGISTRATION NUMBER: 33,728
/ REFERENCE/DOCKET NUMBER: 3921.204-US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 212-867-0123
/ TELEFAX: 212-878-9655
/ INFORMATION FOR SEQ ID NO: 18:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cdna
/ US-09-087-194-18

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 565 CGCTCCGTCGTCTCAGCC 583
Db 1 CGGCTCGTCGTCTCGGCC 19

RESULT 259
US-08-479-285-24/c
; Sequence 24, Application US/08479285
; Patent No. 6207815
; GENERAL INFORMATION:
; APPLICANT: MEZES, PETER S
; APPLICANT: GOURLIE, BRIAN B
; APPLICANT: RIXON, MARK W
; APPLICANT: ANDERSON, WH KERR
; APPLICANT: KAPLAN, DONALD A
; APPLICANT: SCHOLOW, JEFFREY
; TITLE OF INVENTION: A NOVEL FAMILY OF HIGH AFFINITY,
; MODIFIED ANTIBODIES FOR CANCER TREATMENT
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DUANE C ULMER
; STREET: P.O. BOX 1967
; CITY: MIDLAND
; STATE: MICHIGAN
; COUNTRY: USA
; ZIP: 48641-1967
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/479,285
; FILING DATE: 07-JUN-1995
```



```
US-09-130-616-121/c
; Sequence 121, Application US/09130616C
; Patent No. 6221850
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
; TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS
; FILE REFERENCE: ISPH-0318
; CURRENT APPLICATION NUMBER: US/09/130,616C
; CURRENT FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 08/910,629
; EARLIER FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 178
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic sequence
US-09-130-616-121

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1424 GGATCTCGCAGAGGATGC 1442
DB 20 GGATCTCGTAGAGGAGC 2

RESULT 264
US-09-269-136B-2/c
; Sequence 2, Application US/09269136B
; Patent No. 6235890
; GENERAL INFORMATION:
; APPLICANT: Morrison, Christine J.
; APPLICANT: Reiss, Errol
; APPLICANT: Holloway, Brian
; APPLICANT: Shin, Jong Hee
; TITLE OF INVENTION: Methods and Compositions for the Detection of Candida
; TITLE OF INVENTION: Spp.
; FILE REFERENCE: 03063-0261
; CURRENT APPLICATION NUMBER: US/09/269,136B
; CURRENT FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: ITS3 Primer
US-09-269-136B-2

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 19 CTGCGTCTTCATCGATGC 1

RESULT 265
US-09-269-136B-4
; Sequence 4, Application US/09269136B
; Patent No. 6235890
; GENERAL INFORMATION:
; APPLICANT: Morrison, Christine J.
```

```
; APPLICANT: Reiss, Errol
; APPLICANT: Holloway, Brian
; APPLICANT: Shin, Jong Hee
; TITLE OF INVENTION: Methods and Compositions for the Detection of Candida
; TITLE OF INVENTION: Spp.
; FILE REFERENCE: 03063-0261
; CURRENT APPLICATION NUMBER: US/09/269,136B
; CURRENT FILING DATE: 1999-07-12
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: ITS2 Primer
US-09-269-136B-4

Query Match          0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTGCGTCTTCGTCGATGC 1567
DB 2 CTGCGTCTTCATCGATGC 20

RESULT 266
US-08-903-446A-14/c
; Sequence 14, Application US/08903446A
; Patent No. 6242178
; GENERAL INFORMATION:
; APPLICANT: Lott, Timothy J.
; APPLICANT: Elie, Cheryl M.
; APPLICANT: Morrison, Christine J.
; APPLICANT: Reiss, Errol
; TITLE OF INVENTION: Nucleic Acid Probes for Detecting
; TITLE OF INVENTION: Candida Species
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jones & Askew, LLP
; STREET: 191 Peachtree Street, 37th Floor
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: U.S.A.
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/903,446A
; FILING DATE: 30-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren, William L.
; REGISTRATION NUMBER: 36,714
; REFERENCE/DOCKET NUMBER: 03063-0126
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 818-3700
; TELEFAX: (404) 818-3799
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
```



QY 856 AAGGACCTGAAGCAGTACC 874

```
, , REGISTRATION NUMBER: 32,357  
, , REFERENCE/DOCKET NUMBER: ISPH-0209  
, , TELECOMMUNICATION INFORMATION:  
, , TELEPHONE: (609) 810-1515  
, , TELEFAX: (609) 810-1454  
, , INFORMATION FOR SEQ ID NO: 99:  
, , SEQUENCE CHARACTERISTICS:  
, , LENGTH: 20
```

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;
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-364-416-99
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1720 AGCCATGTTACCGCCCA 1738
Db 19 AGCCATCTCCACGACCA 1

RESULT 270
US-09-026-601-2
; Sequence 2, Application US/09026601
; Patent No. 6358680
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Wheat and Barley Fungal
; TITLE OF INVENTION: Pathogens Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6358680artis Corporation
; STREET: 3054 Cornwallis Road
; CITY: Research Triangle Park
; STATE: No. 6358680th Carolina
; COUNTRY: USA
; ZIP: 27709
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/026,601
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: CGC 1984
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8587
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer ITS2"
US-09-026-601-2
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
Db 2 CTTCGGTCTTCGTCGATGC 20

RESULT 271
US-09-026-601-3/c
; Sequence 3, Application US/09026601
; Patent No. 6358680
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Wheat and Barley Fungal
```

```
;
; TITLE OF INVENTION: Pathogens Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6358680artis Corporation
; STREET: 3054 Cornwallis Road
; CITY: Research Triangle Park
; STATE: No. 6358680th Carolina
; COUNTRY: USA
; ZIP: 27709
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/026,601
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: CGC 1984
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8587
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer ITS3"
US-09-026-601-3
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCGGTCTTCGTCGATGC 1567
Db 19 CTTCGGTCTTCGTCGATGC 1

RESULT 272
US-09-407-705C-1
; Sequence 1, Application US/09407705C
; Patent No. 6379699
; GENERAL INFORMATION:
; APPLICANT: Virtanen, Jorma
; APPLICANT: Virtanen, Sinikka
; TITLE OF INVENTION: Antiviral supramolecules containing
; TITLE OF INVENTION: target-binding molecules and therapeutic molecules bound to
; TITLE OF INVENTION: Spectrin
; FILE REFERENCE: 18950-14
; CURRENT APPLICATION NUMBER: US/09/407,705C
; CURRENT FILING DATE: 1999-09-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotides utilized for the exemplary preparat
; OTHER INFORMATION: of an antibody-multizyme supramolecule according to the teachi
; OTHER INFORMATION: of the present invention. MWT-AP-CEDIPPA introduced at the 5'
; OTHER INFORMATION: position.
US-09-407-705C-1
Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 723 TGAAGAGGGGGCACCCTGC 741  
Db 1 TGGAGATGGGGCACCATGC 19

RESULT 273  
US-09-702-327-66  
; Sequence 66, Application US/09702327  
; Patent No. 6426220  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION  
; FILE REFERENCE: RTS-0097  
; CURRENT APPLICATION NUMBER: US/09/702,327  
; CURRENT FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 66  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-327-66

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 928 CAGCTGCTCGTGGCCTGG 946  
Db 2 CAGCTGCTCGTGGCCTGG 20

RESULT 274  
US-09-658-679A-50  
; Sequence 50, Application US/09658679A  
; Patent No. 644464  
; GENERAL INFORMATION:  
; APPLICANT: Ian Popoff  
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION  
; FILE REFERENCE: RTS-0186  
; CURRENT APPLICATION NUMBER: US/09/658,679A  
; CURRENT FILING DATE: 2000-09-08  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 50  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-658-679A-50

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1387 CTCCTCACCAGCTGTGC 1405  
Db 2 CTCCTGCCCCAGCTGTGC 20

RESULT 275  
US-09-481-293-2  
; Sequence 2, Application US/09481293  
; Patent No. 6485907  
; GENERAL INFORMATION:  
; APPLICANT: Beck, James  
; TITLE OF INVENTION: PCR-Based Detection of Rhizoctonia cerealis  
; FILE REFERENCE: PB/5-31135P1

; CURRENT APPLICATION NUMBER: US/09/481,293  
; CURRENT FILING DATE: 2000-01-11  
; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: ITS2  
US-09-481-293-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTCCGTCCTTCGTCGATGC 1567  
Db 2 CTTCCGTCCTTCGTCGATGC 20

RESULT 276  
US-09-481-293-3/c  
; Sequence 3, Application US/09481293  
; Patent No. 6485907  
; GENERAL INFORMATION:  
; APPLICANT: Beck, James  
; TITLE OF INVENTION: PCR-Based Detection of Rhizoctonia cerealis  
; FILE REFERENCE: PB/5-31135P1  
; CURRENT APPLICATION NUMBER: US/09/481,293  
; CURRENT FILING DATE: 2000-01-11  
; NUMBER OF SEQ ID NOS: 33  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: ITS3  
US-09-481-293-3

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTCCGTCCTTCGTCGATGC 1567  
Db 19 CTTCCGTCCTTCGTCGATGC 1

RESULT 277  
US-09-733-294A-89/c  
; Sequence 89, Application US/09733294A  
; Patent No. 6492171  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: William Gaarde  
; APPLICANT: Susan M. Freier  
; APPLICANT: Edward V. Wanciewicz  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION  
; FILE REFERENCE: ISPH-0527  
; CURRENT APPLICATION NUMBER: US/09/733,294A  
; CURRENT FILING DATE: 2000-12-07  
; PRIOR APPLICATION NUMBER: 09/572,423  
; PRIOR FILING DATE: 2000-05-16  
; NUMBER OF SEQ ID NOS: 108  
; SEQ ID NO 89  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

## US-09-733-294A-89

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 352 GGGTCTGATGGGAGAGTG 370  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 GGGTCTGATGGTGTGACTG 2

## RESULT 278

US-09-422-978-6583  
; Sequence 6583, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 6583  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..20  
; OTHER INFORMATION: upstream amplification primer 99-12602 for SEQ 2649,  
US-09-422-978-6583

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 807 CATTATCCACACGAGAG 825  
| | | | | | | | | | | | | | | | | | | | | |  
Db 2 CTTTATCCACACAGAGG 20

## RESULT 279

US-09-705-267A-113  
; Sequence 113, Application US/09705267A  
; Patent No. 6551826  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Susan M. Freier  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF RAIDDD EXPRESSION  
; FILE REFERENCE: RTS-0211  
; CURRENT APPLICATION NUMBER: US/09/705,267A  
; CURRENT FILING DATE: 2000-11-01  
; NUMBER OF SEQ ID NOS: 177  
; SEQ ID NO 113  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-705-267A-113

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 36 GTAGGAGGAGGACGACCA 54  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 GAAGGAGGAGTGTCCAGCA 19

## RESULT 280

US-09-198-452A-5779/C  
; Sequence 5779, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Grifffais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragme  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, pr  
; TITLE OF INVENTION: and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/09/198,452A  
; CURRENT FILING DATE: 1998-11-24  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 5779  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-5779

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 291 TCGTTCTGCACGGGCCCA 309  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TCGTTCTGCACGGGCCCA 2

## RESULT 281

US-09-833-555-7  
; Sequence 7, Application US/09833555  
; Patent No. 6617140  
; GENERAL INFORMATION:  
; APPLICANT: Ozaki, Akio  
; APPLICANT: Mori, Hideo  
; APPLICANT: Shibasaki, Takeshi  
; APPLICANT: Ando, Katsuhiko  
; APPLICANT: Chiba, Shigeru  
; TITLE OF INVENTION: Process for Producing  
; TITLE OF INVENTION: Trans-4-Hydroxy-L-Proline  
; NUMBER OF SEQUENCES: 29  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ANTONELLI, TERRY, STOUT AND KRAUS, LLP  
; STREET: 1300 NORTH SEVENTEENTH STREET  
; CITY: ARLINGTON  
; STATE: VIRGINIA  
; COUNTRY: U.S.A.  
; ZIP: 22209  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/833,555  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/104,382  
; FILING DATE:  
; APPLICATION NUMBER: 08/709,874  
; FILING DATE: 09-SEP-1996  
; APPLICATION NUMBER: 08/301,653  
; FILING DATE: 07-SEP-1994  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/482,554

```

; FILING DATE: 07-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Terry, David T.
; REGISTRATION NUMBER: 20178
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-312-6600
; TELEFAX: 703-312-6666
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-833-555-7

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 856 AAGGACCTGAAGCAGTACC 874
Db 1 ACGGAGCTCAAGCAGTACC 19

RESULT 282
US-09-503-653A-24/c
; Sequence 24, Application US/09503653A
; Patent No. 6641999
; GENERAL INFORMATION:
; APPLICANT: Mezes, Peter S
; APPLICANT: Gourlie, Brian B
; APPLICANT: Rixon, Mark W
; APPLICANT: Anderson, WH Kerr
; APPLICANT: Kaplan, Donald A
; APPLICANT: Schlow, Jeffrey
; TITLE OF INVENTION: Probing Method for Identifying Antibodies
; TITLE OF INVENTION: Specific for Selected Antigens
; FILE REFERENCE: 37075H-CIP1
; CURRENT APPLICATION NUMBER: US/09/503,653A
; CURRENT FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: US 08/040,687
; PRIOR FILING DATE: 1993-03-31
; PRIOR APPLICATION NUMBER: US 07/424,362
; PRIOR FILING DATE: 1989-10-19
; PRIOR APPLICATION NUMBER: US 07/261,942
; PRIOR FILING DATE: 1988-10-24
; PRIOR APPLICATION NUMBER: US 07/259,943
; PRIOR FILING DATE: 1988-10-19
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: MICROSOFT Word 97 SR-2
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..20
; OTHER INFORMATION: Oligo B72.3/CC92 HC
US-09-503-653A-44

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1293 GTCCAACGAGGAGTTCAAG 1311
Db 20 GTACAATGAGAGTTCAG 2

RESULT 284
US-09-939-379B-2
; Sequence 2, Application US/09939379B
; Patent No. 6645720
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase Chain React
; FILE REFERENCE: 60063PI
; CURRENT APPLICATION NUMBER: US/09/939,379B
; CURRENT FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Primer ITS2
US-09-939-379B-2

Query Match 0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1549 CTTCCGCTCTCGTCGATGC 1567
Db 1549 CTTCCGCTCTCGTCGATGC 1567

```

```
Db      2 CTGCGTTCTTCATCGATGC 20

RESULT 285
US-09-939-379B-3/c
; Sequence 3, Application US/09939379B
; Patent No. 6645720
; GENERAL INFORMATION:
; APPLICANT: Syngenta Biotechnology Inc.
; APPLICANT: Barnett, Charles Jason
; APPLICANT: Beck, Jim
; TITLE OF INVENTION: Detection of Almond Pathogens Using the Polymerase Chain Reaction
; FILE REFERENCE: 60063P1
; CURRENT APPLICATION NUMBER: US/09/939,379B
; CURRENT FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1) .. (20)
; OTHER INFORMATION: Primer ITS3
US-09-939-379B-3

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1549 CTTCGGTCTTCGTCGATGC 1567
Db      19 CTGCGTTCTTCATCGATGC 1

RESULT 286
US-09-860-473-147/c
; Sequence 147, Application US/09860473
; Patent No. 6656732
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
; FILE REFERENCE: RTS-0222
; CURRENT APPLICATION NUMBER: US/09/860,473
; CURRENT FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 169
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-860-473-147

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1610 TCTAAGCCACAGACCGAGG 1628
Db      20 TCCAGGCTTCAGACCCAGG 2

RESULT 287
PCT-US95-04712-39
; Sequence 39, Application PC/TUS9504712
; GENERAL INFORMATION:
; APPLICANT: Ligon, James M
; APPLICANT: Beck, James J
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the
; TITLE OF INVENTION: Polymerase Chain Reaction

NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: NY
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04712
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/233,608
FILING DATE: 04-APR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Walsh, Andrea C.
REGISTRATION NUMBER: 34,988
REFERENCE/DOCKET NUMBER: CGC 1739
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-541-8666
TELEFAX: 919-541-8689
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: Oligonucleotide primer ITS2
HYPOTHETICAL: NO
ANTI-SENSE: NO
PCT-US95-04712-39

Query Match      0.8%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 2.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1549 CTTCGGTCTTCGTCGATGC 1567
Db      2 CTGCGTTCTTCATCGATGC 20

RESULT 288
PCT-US95-04712-40/c
; Sequence 40, Application PC/TUS9504712
; GENERAL INFORMATION:
; APPLICANT: Ligon, James M
; APPLICANT: Beck, James J
; TITLE OF INVENTION: Detection of Fungal Pathogens Using the
; TITLE OF INVENTION: Polymerase Chain Reaction

NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
STREET: 7 Skyline Drive
CITY: Hawthorne
STATE: NY
COUNTRY: USA
ZIP: 10532
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/04712
FILING DATE:
CLASSIFICATION:
```

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/233,608  
;; FILING DATE: 04-APR-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Walsh, Andrea C.  
;; REGISTRATION NUMBER: 34,988  
;; REFERENCE/DOCKET NUMBER: CGC 1739  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 919-541-8666  
;; TELEFAX: 919-541-8689  
;; INFORMATION FOR SEQ ID NO: 40:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: Other nucleic acid  
;; DESCRIPTION: Oligonucleotide primer ITS3  
;; HYPOTHEICAL: NO  
;; ANTI-SENSE: NO  
PCT-US95-04712-40

Query Match 0.8%; Score 14.2; DB 1; Length 20;  
Best Local Similarity 84.2%; Pred. No. 2.7e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1549 CTTCGGTCTTCGCGATCC 1567  
Db 19 CTGCGTCTTCATCGATGC 1

RESULT 289  
US-08-373-124A-54  
; Sequence 54: Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,124A  
; FILING DATE: January 13, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327

;; REFERENCE/DOCKET NUMBER: 209/035  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 54:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 21 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-373-124A-54

Query Match 0.8%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 68.4%; Pred. No. 2.9e+02;  
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 859 GACCTGAAGCAGTACCTGG 877  
Db 1 GCCUUGAGCAGUACCGG 19

RESULT 290  
US-08-424-874-1  
; Sequence 1: Application US/08424874  
; Patent No. 5718915  
; GENERAL INFORMATION:  
; APPLICANT: Virtanen, Jorma A.  
; APPLICANT: Virtanen, Sinikka  
; TITLE OF INVENTION: BINDING MOLECULE MULTI ENZYME COMPLEXES  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patencin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/424,874  
; FILING DATE: 19-APR-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Halluin, Albert P.  
; REGISTRATION NUMBER: 25,227  
; REFERENCE/DOCKET NUMBER: 8218-006  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-854-3660  
; TELEFAX: 415-854-3660  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA (genomic)  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: 20..21  
; OTHER INFORMATION: /note= "Where N = X =  
; OTHER INFORMATION: MMT-AP-CSDIPPA = N-Monomethoxytrityl aminopropyl cyanoethyl  
; OTHER INFORMATION: N,N-diisopropylphosphoramidite"  
US-08-424-874-1

Query Match 0.8%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 2.9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 723 TGAAGAGGGGACCCCTGC 741  
Db 1 TGGAGATGGGGACCATGC 19

RESULT 291  
US-08-323-192D-1  
; Sequence 1, Application US/08323192D  
; Patent No. 5786199  
; GENERAL INFORMATION:  
; APPLICANT: Palese, Peter  
; TITLE OF INVENTION: RECOMBINANT NEGATIVE STRAND RNA VIRUS  
; TITLE OF INVENTION: EXPRESSION SYSTEMS AND VACCINES  
; NUMBER OF SEQUENCES: 70  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/323,192D  
; FILING DATE: 14-OCT-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Coruzzi, Laura A.  
; REGISTRATION NUMBER: 30,742  
; REFERENCE/DOCKET NUMBER: 7682-035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-9741/8864  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-323-192D-1

Query Match 0.8%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 2.9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 ACGTGAACGTGTCCTGTT 926  
Db 2 ACCAGGAATGTCCTGTT 20

RESULT 292  
US-08-435-628-54  
; Sequence 54, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwigen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street

STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 54:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-54

Query Match 0.8%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 68.4%; Pred. No. 2.9e+02;  
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 859 GACCTGAAGCAGTACCTGG 877  
Db 1 GCCUUGAGCAGUACCUUG 19

RESULT 293  
US-08-470-887A-1  
; Sequence 1, Application US/08470887A  
; Patent No. 5820871  
; GENERAL INFORMATION:  
; APPLICANT: Palese, Peter  
; APPLICANT: Garcia-Sastre, Adolfo  
; TITLE OF INVENTION: RECOMBINANT NEGATIVE STRAND RNA VIRUS  
; TITLE OF INVENTION: EXPRESSION SYSTEMS AND VACCINES  
; NUMBER OF SEQUENCES: 60  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25





```
; APPLICANT: Virtanen, Jorma A.
; TITLE OF INVENTION: NOVEL THERAPEUTIC MOLECULE BINDING
; TITLE OF INVENTION: COMPLEXES
; FILE REFERENCE: 01296.0007.999
; CURRENT APPLICATION NUMBER: US/08/627,695C
; CURRENT FILING DATE: 1996-03-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Fast-Seq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: "Where N = MMC-AP-CEDIPPA = N-Monomethoxytrityl
; OTHER INFORMATION: aminopropyl cyanoethyl N,
; OTHER INFORMATION: N-diisopropylphosphoramidite"
; OTHER INFORMATION: Chemically Synthesized
; US-08-627-695-1
Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      723 TGAAGAGGGGGCCACCTGC 741
Db      1 TGGAGATGGGGCCACCATGC 19

RESULT 297
US-09-106-377-1
; Sequence 1, Application US/09106377
; Patent No. 6001634
; GENERAL INFORMATION:
; APPLICANT: Palese, Peter
; APPLICANT: Garcia-Sastre, Adolfo
; TITLE OF INVENTION: RECOMBINANT NEGATIVE STRAND RNA VIRUS
; TITLE OF INVENTION: EXPRESSION SYSTEMS AND VACCINES
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,377
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/252,508
; FILING DATE: 01-JUN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7682-034
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
```

```
US-09-106-377-1
Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      908 ACGTGAACCTGTCCTGTT 926
Db      2 ACGAGGAATGTCCTGTT 20

RESULT 298
US-09-344-520-3
; Sequence 3, Application US/09344520
; Patent No. 6037176
; GENERAL INFORMATION:
; APPLICANT: Frank Bennett
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF integrin beta 3 EXPRESSION
; FILE REFERENCE: R1S-0070
; CURRENT APPLICATION NUMBER: US/09/344,520
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
; US-09-344-520-3
Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      614 CTTACATTAAAGCTGGACAA 632
Db      1 CCGTCATTAGGCTGGACAA 19

RESULT 299
US-09-118-408-41/c
; Sequence 41, Application US/09118408A
; Patent No. 6265544
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-30
; CURRENT APPLICATION NUMBER: US/09/118,408A
; CURRENT FILING DATE: 1998-07-17
; EARLIER APPLICATION NUMBER: 60/053,154
; EARLIER FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Fast-Seq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
; US-09-118-408-41
Query Match      0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      822 GAAGTCCCTCACCCCTTGTC 840
Db      21 GAAGTCCCTCTCAGGTGC 3

RESULT 300
```

US-09-328-174A-108/c  
; Sequence 108, Application US/09328174A  
; Patent No. 6448003  
; GENERAL INFORMATION:  
; APPLICANT: Guida, Marco  
; APPLICANT: Kurth, Janice  
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase  
; TITLE OF INVENTION: (STP2)  
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)  
; CURRENT APPLICATION NUMBER: US/09/328,174A  
; CURRENT FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 09/328,174  
; PRIOR FILING DATE: 1999-06-08  
; NUMBER OF SEQ ID NOS: 110  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 108  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: H. sapiens  
US-09-328-174A-108

Query Match 0.8%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 2.9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 26 GAATGCAGAGGTAGGCAGG 44  
Db 19 GAAAGCTGAGATAGGCAGG 1

RESULT 301  
US-09-506-855-41/c  
; Sequence 41, Application US/09506855  
; Patent No. 6448221  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Lasser, Gerald W.  
; APPLICANT: Bishop, Paul D.  
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND  
; TITLE OF INVENTION: IMMUNE FUNCTION  
; FILE REFERENCE: 99-12  
; CURRENT APPLICATION NUMBER: US/09/506,855  
; CURRENT FILING DATE: 2000-02-17  
; NUMBER OF SEQ ID NOS: 50  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 41  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide ZC18687  
US-09-506-855-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 2.9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCTCCACCCCTTGTC 840  
Db 21 GAAGTCCTCTCAGGTGTC 3

RESULT 302  
US-09-636-382A-5  
; Sequence 5, Application US/09636382A  
; Patent No. 6514741  
; GENERAL INFORMATION:  
; APPLICANT: Preenell, Scott R.  
; APPLICANT: Taft, David W.  
; TITLE OF INVENTION: TRYPTASE-LIKE POLYPEPTIDE ZTRYP1  
; FILE REFERENCE: 99-21  
; CURRENT APPLICATION NUMBER: US/09/636,382A  
; CURRENT FILING DATE: 2000-08-09

; PRIOR APPLICATION NUMBER: US 60/149,563  
; PRIOR FILING DATE: 1999-08-18  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 5  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC18365  
US-09-636-382A-5

Query Match 0.8%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 2.9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1195 GGCGCTCCCTCTTTCCGG 1213  
Db 2 GGCTGTCCCTCTCTCTG 20

RESULT 303  
US-09-911-176B-41/c  
; Sequence 41, Application US/09911176B  
; Patent No. 6518403  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; TITLE OF INVENTION: ANTIBODIES THAT BIND AN  
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOG  
; FILE REFERENCE: 97-30D1  
; CURRENT APPLICATION NUMBER: US/09/911,176B  
; CURRENT FILING DATE: 2001-07-23  
; PRIOR APPLICATION NUMBER: 09/118,408  
; PRIOR FILING DATE: 1998-07-17  
; PRIOR APPLICATION NUMBER: 60/053,154  
; PRIOR FILING DATE: 1997-07-18  
; NUMBER OF SEQ ID NOS: 52  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 41  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide ZC18687  
US-09-911-176B-41

Query Match 0.8%; Score 14.2; DB 1; Length 21;  
Best Local Similarity 84.2%; Pred. No. 2.9e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAAGTCCTCCACCCCTTGTC 840  
Db 21 GAAGTCCTCTCAGGTGTC 3

RESULT 304  
US-09-422-978-8100/c  
; Sequence 8100, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21

```
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8100
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-13666 for SEQ 235, in compleme
US-09-422-978-8100

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 392 CGGATGAGGTGCAGTCTCC 410
Db 21 CAGATGATTGTCAGTCTCC 3

RESULT 305
US-09-619-740-41/c
; Sequence 41, Application US/09619740
; Patent No. 654946
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12C3
; CURRENT APPLICATION NUMBER: US/09/619,740
; CURRENT FILING DATE: 2000-07-19
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: 09/253,604
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/444,794
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: 09/506,855
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-09-619-740-41

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 822 GAAGTCCCTCACCTTGTC 840
Db 21 GAAGTCCCTCTCACGTGTC 3

RESULT 306
US-09-506-852-41/c
; Sequence 41, Application US/09506852
; Patent No. 6566499
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-30
; CURRENT APPLICATION NUMBER: US/09/506,852
; CURRENT FILING DATE: 2000-02-17
; EARLIER APPLICATION NUMBER: 60/053,154
; EARLIER FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 41
; LENGTH: 21
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC18687
US-09-506-852-41

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 822 GAAGTCCCTCACCTTGTC 840
Db 21 GAAGTCCCTCTCACGTGTC 3

RESULT 307
5166057-14
; Patent No. 5166057
; APPLICANT: PALERSE, PETER; PARVIN, JEFFREY D.; KRYSSTAL, MARK
; TITLE OF INVENTION: RECOMBIANT NEGATIVE STRAND RNA VIRUS
; EXPRESSION-SYSTEMS
; NUMBER OF SEQUENCES: 43
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/527,237
; FILING DATE: 22-MAY-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 440,053
; FILING DATE: 21-NOV-1989
; APPLICATION NUMBER: 399,728
; FILING DATE: 28-AUG-1989
; SEQ ID NO:14
; LENGTH: 21
5166057-14

Query Match          0.8%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 2.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 908 ACGTGAAACGTGTCCTGTT 926
Db 2 ACGAGGAATGTTCTGTT 20

RESULT 308
US-08-291-932A-319
; Sequence 319, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
```

CLASSIFICATION: 514  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/157  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 319:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-231-332A-319

Query Match 0.8%; Score 14; DB 1; Length 15;  
Best Local Similarity 71.4%; Pred. No. 1.8e+02;  
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 538 CCCATCTTTGACAA 551  
DB 1 CCCAUCUUUGACAA 14

RESULT 309  
US-08-985-162-277/c  
Sequence 277, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 278:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-278

TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 277:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-277

Query Match 0.8%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1367 TTGATAGCGACGGG 1380  
DB 17 TTGATAGCGACGGG 4

RESULT 310  
US-08-985-162-278/c  
Sequence 278, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 278:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-278

Query Match 0.8%; Score 14; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1366 CTTGATGCGGCGG 1379  
 Db 14 CTTGATGCGGCGG 1

## RESULT 311

US-08-584-040-4187  
 ; Sequence 4187, Application US/08584040  
 ; Patent No. 6346398

## GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
 APPLICANT: McSwiggen, James  
 APPLICANT: Stinchcomb, Dan T.  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TITLE OF INVENTION: TREATMENT OF DISEASES OR  
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 TITLE OF INVENTION: GROWTH FACTOR  
 NUMBER OF SEQUENCES: 8502

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 COUNTRY: California  
 ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 FILING DATE: January 11, 1996

## CLASSIFICATION: 514

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

## FILING DATE: October 26, 1995

## ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

## TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

## INFORMATION FOR SEQ ID NO: 4187:

## SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-4187

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 85.7%; Pred. No. 2.3e+02;

Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 819 GGAGAGTCCCTCA 832

Db 1 GGAGAGTCCCTCA 14

## RESULT 312

US-08-584-040-7661  
 ; Sequence 7661, Application US/08584040  
 ; Patent No. 6346398

## GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
 APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.  
 APPLICANT: Escobedo, Jaime  
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
 TITLE OF INVENTION: TREATMENT OF DISEASES OR  
 TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
 TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
 TITLE OF INVENTION: GROWTH FACTOR  
 NUMBER OF SEQUENCES: 8502

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 COUNTRY: California  
 ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 FILING DATE: January 11, 1996

## CLASSIFICATION: 514

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

## FILING DATE: October 26, 1995

## ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

## TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

## INFORMATION FOR SEQ ID NO: 7661:

## SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-7661

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 2.3e+02;

Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTGCGCTGC 1046

Db 4 GACUUGGCCUGGC 17

## RESULT 313

US-08-584-040-7677

; Sequence 7677, Application US/08584040

; Patent No. 6346398

## GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
 APPLICANT: McSwiggen, James  
 APPLICANT: Stinchcomb, Dan T.

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
 STREET: 633 West Fifth Street  
 CITY: Suite 4700  
 STATE: Los Angeles  
 COUNTRY: California  
 ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
 MEDIUM TYPE: storage  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: IBM P.C. DOS 5.0  
 SOFTWARE: Word Perfect 5.1  
 CURRENT APPLICATION DATA:  
 FILING DATE: January 11, 1996

## CLASSIFICATION: 514

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

## FILING DATE: October 26, 1995

## ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 7661:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-7661

Query Match 0.8%; Score 14; DB 1; Length 17;

Best Local Similarity 71.4%; Pred. No. 2.3e+02;

Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTGCGCTGC 1046

Db 4 GACUUGGCCUGGC 17

CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7677:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7677

Query Match 0.8%; Score 14; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. NO. 2.3e+02;  
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 539 CCATCTTTGACAG 552  
Db 3 CCAUCUUGACAAG 16  
||||:|||||

RESULT 314  
US-08-584-040-7678  
Sequence 7678, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7678:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-7678

Query Match 0.8%; Score 14; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. NO. 2.3e+02;  
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 539 CCATCTTTGACAG 552  
Db 2 CCAUCUUGACAAG 15  
||||:|||||

## RESULT 315

US-09-371-772B-1954  
Sequence 1954, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
Related to Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH800,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1998-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 1954  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-1954

Query Match 0.8%; Score 14; DB 1; Length 17;  
Best Local Similarity 85.7%; Pred. NO. 2.3e+02;  
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 819 GGAGAGTCCCTCA 832  
Db 1 GGAGAGUCCCUCA 14  
||||:|||||

## RESULT 316

US-09-371-772B-3450  
Sequence 3450, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam

```
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3450
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3450

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGCG 1046
   |||:|||||
Db 4 GACUUGGCCUGGC 17

RESULT 317
US-09-371-772B-3462
; Sequence 3462, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3462
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3462

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552
   |||:|||||
Db 3 CCAUCUUGACAAG 16

RESULT 318
US-09-371-772B-3463
; Sequence 3463, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3462
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3462

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAAG 552
   |||:|||||
Db 3 CCAUCUUGACAAG 16

RESULT 319
US-09-371-772B-6817
; Sequence 6817, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6817
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6817

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 2.3e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCTCTGCTACCT 1714
   |||:|||||
Db 4 CUCUCUGCCUACCU 17

RESULT 320
US-09-371-772B-6818
; Sequence 6818, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
```



```

/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-401-063-277

Query Match          0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1367 TTGATAGCGACGGG 1380
DB      17 TTGATAGCGACGGG 4

RESULT 322
US-09-401-063-278/c
; Sequence 278, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 278:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-278

Query Match          0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1366 CTTGATAGCGACGG 1379

```

```
Db      14  CTTGATAGCGACGG 1

RESULT 323
US-09-827-998-541
; Sequence 541, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aescmica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 541
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-541

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      287  AACTTCGTTCTGCA 300
Db      4    AACTTCGTTCTGCA 17

RESULT 324
US-09-827-998-542
; Sequence 542, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aescmica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 542
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-542

Query Match      0.8%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      287  AACTTCGTTCTGCA 300
Db      3    AACTTCGTTCTGCA 16

RESULT 325
US-09-213-767-9
; Sequence 9, Application US/09213767
; Patent No. 5948680
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION
; FILE REFERENCE: RTS-0024
; CURRENT APPLICATION NUMBER: US/09/213,767
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-767-9

Query Match      0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      232  GGTGGTGGTGGCGG 245
Db      1    GGTGGTGGTGGCGG 14

RESULT 326
US-08-584-040-4492
; Sequence 4492, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4492:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
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```
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-4492

Query Match      0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 64.3%; Pred. NO. 2.5e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 1701 CTCTGCTGCTTACCT 1714
Db 2 CUCUCUGCCUACCU 15

RESULT 327
US-09-371-772B-2205
; Sequence 2205, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2205
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2205

Query Match      0.8%; Score 14; DB 1; Length 18;
Best Local Similarity 64.3%; Pred. NO. 2.5e+02;
Matches 9; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Qy 1701 CTCTGCTGCTTACCT 1714
Db 2 CUCUCUGCCUACCU 15

RESULT 328
US-09-435-739-17/c
; Sequence 17, Application US/09435739
; Patent No. 6664105
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodyavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 06/20454
; CURRENT APPLICATION NUMBER: US/09/435,739
; CURRENT FILING DATE: 2001-06-05
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-435-739-17

Query Match      0.8%; Score 14; DB 1; Length 21;
```

```
Best Local Similarity 100.0%; Pred. NO. 3.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 273 TGCTGCTCTCTGGG 286
Db 14 TGCTGCTCTCTGGG 1

RESULT 329
US-08-166-664-7/c
; Sequence 7, Application US/08166664
; Patent No. 5646020
; GENERAL INFORMATION:
; APPLICANT: James A. McSwiggen
; APPLICANT: J. Anthony Mamone
; TITLE OF INVENTION: HAMMERHEAD RIBOZYMES FOR
; TITLE OF INVENTION: PREFERRED TARGETS
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/166,664
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/884,074
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 197/062
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-166-664-7

Query Match      0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. NO. 2.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1350 GAGCCACGACCCCGAC 1366
Db 17 GACCCACGACCCCGAC 1

RESULT 330
US-08-373-124A-942/c
; Sequence 942, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
```

;/ TITLE OF INVENTION: CANCER USING RIBOZYMES  
;/ NUMBER OF SEQUENCES: 2627  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Lyon & Lyon  
;/ STREET: 633 West Fifth Street  
;/ CITY: Suite 4700  
;/ STATE: Los Angeles  
;/ COUNTRY: U.S.A.  
;/ ZIP: 90071

;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

;/ MEDIUM TYPE: storage

;/ COMPUTER: IBM Compatible

;/ OPERATING SYSTEM: IBM P.C. DOS 5.0

;/ SOFTWARE: Word Perfect 5.1

;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/373,124A

;/ FILING DATE: January 13, 1995

;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: 08/245,466

;/ FILING DATE: May 18, 1994

;/ APPLICATION NUMBER: 08/192,943

;/ FILING DATE: February 7, 1994

;/ APPLICATION NUMBER: 07/987,132

;/ FILING DATE: December 7, 1992

;/ APPLICATION NUMBER: 07/935,422

;/ FILING DATE: August 26, 1992

;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard

;/ REGISTRATION NUMBER: 32,327

;/ REFERENCE/DOCKET NUMBER: 209/035

;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (213) 489-1600

;/ TELEFAX: (213) 955-0440

;/ TELEX: 67-3510

;/ INFORMATION FOR SEQ ID NO: 942:

;/ SEQUENCE CHARACTERISTICS:

;/ LENGTH: 17 base pairs

;/ TYPE: nucleic acid

;/ STRANDEDNESS: single

;/ TOPOLOGY: linear

;/ US-08-373-124A-942

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 672 AAGCAAGCTCAGACCA 688

Db 17 AAGCAAGCTCAGACAAA 1

RESULT 331  
US-08-486-408-10  
;/ Sequence 10, Application US/08486408

;/ Patent No. 5716846

;/ GENERAL INFORMATION:

;/ APPLICANT: Brown, Steven Joel

;/ APPLICANT: Dattagupta, Nanihushan

;/ APPLICANT: Naidu, Yathi M.

;/ TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR

;/ TITLE OF INVENTION: PROLIFERATION USING ANTISENSE OLIGONUCLEOTIDES TO INTERLEUKIN-

;/ NUMBER OF SEQUENCES: 19

;/ CORRESPONDENCE ADDRESS:

;/ ADDRESS: Gen-Probe Incorporated

;/ STREET: 9880 Campus Point Drive

;/ CITY: San Diego

;/ STATE: CA

;/ COUNTRY: USA

;/ ZIP: 92121

;/ COMPUTER READABLE FORM:

;/ MEDIUM TYPE: Diskette  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: DOS  
;/ SOFTWARE: FastSEQ Version 1.5  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/486,408

;/ FILING DATE: 07-JUN-1995

;/ CLASSIFICATION: 435

;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER:

;/ FILING DATE:

;/ ATTORNEY/AGENT INFORMATION:

;/ NAME: Fisher, Carlos A

;/ REGISTRATION NUMBER: 36,510

;/ REFERENCE/DOCKET NUMBER: CB1009

;/ TELECOMMUNICATION INFORMATION:

;/ TELEPHONE: 619-535-2807

;/ TELEFAX: 619-546-7929

;/ TELEX:

;/ INFORMATION FOR SEQ ID NO: 10:

;/ SEQUENCE CHARACTERISTICS:

;/ LENGTH: 17 base pairs

;/ TYPE: nucleic acid

;/ STRANDEDNESS: single

;/ TOPOLOGY: linear

;/ US-08-486-408-10

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1596 GGTGGACACCGAGTCTCT 1612

Db 1 GGTGGACACCTCGTTCT 17

RESULT 332

US-08-435-628-942/c

;/ Sequence 942, Application US/08435628

;/ Patent No. 5817796

;/ GENERAL INFORMATION:

;/ APPLICANT: Stinchcomb, Dan T.

;/ APPLICANT: Draper, Kenneth

;/ APPLICANT: McSwiggen, James

;/ APPLICANT: Jarvis, Thale

;/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

;/ TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

;/ TITLE OF INVENTION: CANCER USING RIBOZYMES

;/ NUMBER OF SEQUENCES: 2627

;/ CORRESPONDENCE ADDRESS:

;/ ADDRESSEE: Lyon & Lyon

;/ STREET: 633 West Fifth Street

;/ STREET: Suite 4700

;/ CITY: Los Angeles

;/ STATE: California

;/ COUNTRY: U.S.A.

;/ ZIP: 90071

;/ COMPUTER READABLE FORM:

;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

;/ MEDIUM TYPE: storage

;/ COMPUTER: IBM Compatible

;/ OPERATING SYSTEM: IBM P.C. DOS 5.0

;/ SOFTWARE: Word Perfect 5.1

;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/435,628

;/ FILING DATE: 05-MAY-1995

;/ CLASSIFICATION: 514

;/ PRIOR APPLICATION DATA:

;/ APPLICATION NUMBER: 08/373,124

;/ FILING DATE: January 13, 1995

;/ APPLICATION NUMBER: 08/245,466

;/ FILING DATE: May 18, 1994

;/ APPLICATION NUMBER: 08/192,943

;; FILING DATE: February 7, 1994  
;; APPLICATION NUMBER: 07/987,132  
;; FILING DATE: December 7, 1992  
;; APPLICATION NUMBER: 07/936,422  
;; FILING DATE: August 26, 1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 209/035  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 942:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-435-628-942

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 672 AAGCAAGCTCACAGACA 688  
Db 17 AAGCAAGCTAACAGAAA 1

RESULT 333  
US-08-292-620A-1682  
; Sequence 1682, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620A  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.

two

;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 208/149  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 1682:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-08-292-620A-1682

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 2.6e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 272 GTGCTGCTCTCGGGAA 288  
Db 1 GUGCUGCUCGUGGAA 17

RESULT 334  
US-08-975-570-10  
; Sequence 10, Application US/08975570  
; Patent No. 5945336  
; GENERAL INFORMATION:  
; APPLICANT: Brown, Steven Joel  
; APPLICANT: Dattagupta, Nanibhushan  
; APPLICANT: Naidu, Yathi M.  
; TITLE OF INVENTION: METHOD FOR INHIBITING CELLULAR  
; TITLE OF INVENTION: PROLIFERATION USING ANTISENSE OLIGONUCLEOTIDES TO INTERLEUK  
; TITLE OF INVENTION: mRNA  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Gen-Probe Incorporated  
; STREET: 980 Campus Point Drive  
; CITY: San Diego  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92121  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/975,570  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/486,408  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fisher, Carlos A  
; REGISTRATION NUMBER: 36,510  
; REFERENCE/DOCKET NUMBER: CBI009  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-535-2807  
; TELEFAX: 619-546-7929  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-975-570-10

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1596 GGTGGACACCGAGTCT 1612  
Db 1 GGTGGACACCTCGTCT 17

RESULT 335  
US-09-071-845-1682  
; Sequence 1682, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1682:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-071-845-1682

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 2.6e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 272 GTGCTGCTCTGGGAA 288  
Db 1 GUGUGUCUCCUGGGAA 17

RESULT 336

US-08-584-040-4222  
; Sequence 4222, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 4222:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-4222

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 2.6e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1035 CTTTGGCTGCGCCGAG 1051  
Db 1 CUUUGGCUUGGCCGCGG 17

RESULT 337

US-09-371-772B-1989  
; Sequence 1989, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1998-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1998-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1989  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1989

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 2.6e+02;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1035 CTTTGGCCTGGCCGAG 1051  
|:|||||:|||||  
Db 1 CUUUGCUUGGCCCGG 17

RESULT 338  
US-09-827-998-575  
; Sequence 575, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 575  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-575

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026  
|:|||||:|||||  
Db 1 AGAGGAGAGGTCACG 17

RESULT 339  
US-09-827-998-576  
; Sequence 576, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aeomica Sequence Listing Engine

; Patent No. 6656700  
; SEQ ID NO 576  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-576

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1011 GAGGGGAGAGCTCAAGC 1027  
|:|||||:|||||  
Db 1 GAGGAGAGAGGTCACG 17

RESULT 340  
US-09-866-108A-1526/c  
; Sequence 1526, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Ji, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1526  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1526

Query Match 0.8%; Score 13.8; DB 1; Length 17;  
Best Local Similarity 88.2%; Pred. No. 2.6e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 986 AGCCCCAGAACCTGCTC 1002  
|:|||||:|||||  
Db 17 AGCCCCATCAGCTGCTC 1

RESULT 341  
US-09-866-108A-6795/c

/ APPLICANT: GU, Yizhong  
 / APPLICANT: JI, Yonggang  
 / APPLICANT: PENN, Sharron G.  
 / APPLICANT: HANZEL, David K.  
 / APPLICANT: RANK, David R.  
 / APPLICANT: CHEN, Wensheng  
 / APPLICANT: SHANNON, Mark  
 / TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 / FILE REFERENCE: AEOMICA-7  
 / CURRENT APPLICATION NUMBER: US/09/866,108A  
 / CURRENT FILING DATE: 2001-05-25  
 / PRIOR APPLICATION NUMBER: US 60/207,456  
 / PRIOR FILING DATE: 2000-05-26  
 / PRIOR APPLICATION NUMBER: GB 24263.6  
 / PRIOR FILING DATE: 2000-10-04

APPLICANT: RANK, David R.  
 APPLICANT: CHEN, Wensheng  
 APPLICANT: SHANNON, Mark  
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 FILE REFERENCE: AEOICA-7  
 CURRENT APPLICATION NUMBER: US/09/866,108A  
 CURRENT FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 60/207,456  
 PRIOR FILING DATE: 2000-05-26  
 PRIOR APPLICATION NUMBER: GB 24263.6  
 PRIOR FILING DATE: 2000-10-04  
 PRIOR APPLICATION NUMBER: US 60/236,359  
 PRIOR FILING DATE: 2000-09-27  
 PRIOR APPLICATION NUMBER: PCT/US01/006666  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/006667  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/006664  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/006659  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/006655  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/006668  
 PRIOR FILING DATE: 2001-01-30  
 PRIOR APPLICATION NUMBER: PCT/US01/006653  
 PRIOR FILING DATE: 2001-01-30  
 Remaining Prior Application data removed - See File Wrapper or PALM.  
 NUMBER OF SEQ ID NOS: 15755



```

1  APPLICANT: Lex M. Cowstert
2  TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION
3  FILE REFERENCE: RTS-0056
4  CURRENT APPLICATION NUMBER: US/09/256,496
5  CURRENT FILING DATE: 1999-02-23
6  NUMBER OF SEQ ID NOS: 86
7  SEQ ID NO 10
8  LENGTH: 18
9  TYPE: DNA
10 ORGANISM: Artificial Sequence
11 FEATURE:
12 OTHER INFORMATION: Antisense Oligonucleotide
13 US-09-256-496-10

```

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCTCC 571  
DB 18 CCTCAGCGCGCTCC 2

## RESULT 347

US-08-009-263C-32/c  
Sequence 32, Application US/08009263C

Patent No. 5442049

GENERAL INFORMATION:

APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker

TITLE OF INVENTION: Oligonucleotides for Modulating the

TITLE OF INVENTION: Effects of Cytomegalovirus Infections

NUMBER OF SEQUENCES: 88

CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock Washburn Kurtz

ADDRESSEE: Mackiewicz & No. 5442049ris

STREET: One Liberty Place -- 46th floor

CITY: Philadelphia

STATE: PA

COUNTRY: USA

ZIP: 19103

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/009,263C

FILING DATE: January 25, 1993

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 927,506

FILING DATE: No. 5442049ember 19, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Jane Massey Licata

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISIS-0844

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-3100

TELEFAX: (215) 568-3439

INFORMATION FOR SEQ ID NO: 32:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: YES

US-08-009-263C-32

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAACG 149  
DB 18 AAGAAGAAGCAACG 2

## RESULT 348

US-09-205-922-40/c

Sequence 40, Application US/09205922

Patent No. 5951455

GENERAL INFORMATION:

APPLICANT: Lex M. Cowseert

TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-11 EXPRESSION

FILE REFERENCE: RTS-0030

CURRENT APPLICATION NUMBER: US/09/205,922

CURRENT FILING DATE: 1998-12-04

SEQ ID NO 40

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-205-922-40

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 512 ACCTGAGAGCTGACC 528  
DB 17 ACCTGAGAGCTGACC 1

## RESULT 349

US-09-197-008-19/c

Sequence 19, Application US/09197008

Patent No. 5977341

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Lex M. Cowseert

TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION

FILE REFERENCE: RTS-0019

CURRENT APPLICATION NUMBER: US/09/197,008

CURRENT FILING DATE: 1998-11-20

SEQ ID NO 19

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-197-008-19

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 831 CACCTTGCTTTGACT 847  
DB 17 CACCTTGCTTTGACT 1

## RESULT 350

US-08-956-242-10

Sequence 10, Application US/08956242C

Patent No. 5986081

GENERAL INFORMATION:

APPLICANT: Ganetzk, Barry S.

APPLICANT: Titus, Steven A.

TITLE OF INVENTION: Polynucleotides Encoding Herg-3

FILE REFERENCE: 960296.94550

CURRENT APPLICATION NUMBER: US/08/956,242C

CURRENT FILING DATE: 1997-10-22

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patent in Ver. 2.0

SEQ ID NO 10

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:

OTHER INFORMATION: oligonucleotide

US-08-956-242-10

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;

```
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCCGTCGCTGG 946
    |||||
Db 2 GCTGCTCCGTCGCTGG 18

RESULT 351
US-09-256-496-9/c
; Sequence 9, Application US/09256496
; Patent No. 598206
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
; FILE REFERENCE: RTS-0056
; CURRENT APPLICATION NUMBER: US/09/256,496
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-9

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCTCAGCGCGCC 568
    |||||
Db 17 GACCCTCAGCGCGTGC 1

RESULT 352
US-09-339-993-44/c
; Sequence 44, Application US/09339993A
; Patent No. 6040179
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
; FILE REFERENCE: RTS-0064
; CURRENT APPLICATION NUMBER: US/09/339,993A
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-993-44

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1636 AGGCAGCGCTGGAGGG 1652
    |||||
Db 17 AGGCTGCTGGAGGG 1

RESULT 353
US-09-351-215-10
; Sequence 10, Application US/09351215
; Patent No. 6087488
; GENERAL INFORMATION:
; APPLICANT: Ganetzky, Barry S.
; APPLICANT: Titus, Steven A.
; TITLE OF INVENTION: Polynucleotides Encoding Herg-3
; FILE REFERENCE: 960296.94550
; CURRENT APPLICATION NUMBER: US/09/351,215
```

```
; CURRENT FILING DATE: 1999-07-12
; EARLIER APPLICATION NUMBER: 08/956,242
; EARLIER FILING DATE: 1997-10-22
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-351-215-10

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 GCTGCTCCGTCGCTGG 946
    |||||
Db 2 GCTGCTCCGTCGCTGG 18

RESULT 354
US-09-289-466-52/c
; Sequence 52, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 52
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-52

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 2.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 812 TCCACACGAGAGTCC 828
    |||||
Db 17 TGCTACGAGAGTCC 1

RESULT 355
US-08-838-715B-32/c
; Sequence 32, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kisner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
```

;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/838,715B  
;; FILING DATE: April 9, 1997  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION NUMBER: 07/568,366  
;; FILING DATE: 8/16/90 07/927,506  
;; APPLICATION NUMBER:  
;; FILING DATE: 11/19/92  
;; APPLICATION NUMBER: 08/009,263  
;; FILING DATE: 1/25/93  
;; APPLICATION NUMBER: 08/233,711  
;; FILING DATE: 4/26/94  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Jane Massey Licata  
;; REGISTRATION NUMBER: 32,257  
;; REFERENCE/DOCKET NUMBER: ISPH-0204  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (609) 779-2400  
;; TELEFAX: (609) 810-1454  
;; INFORMATION FOR SEQ ID NO: 32:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
;; HYPOTHEetical: NO  
;; ANTI-SENSE: YES  
;; US-08-838-715B-32

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAACG 149  
DB 18 AAGAAGAAGACAAACG 2

RESULT 356  
US-09-025-701-3  
;; Sequence 3, Application US/09025701  
;; Patent No. 6262337  
;; GENERAL INFORMATION:  
;; APPLICANT: VON EULER, Gabriel  
;; APPLICANT: AASE, Karin  
;; APPLICANT: BETSHOLTZ, Christer  
;; APPLICANT: ERIKSSON, Ulf  
;; APPLICANT: PEKRY, Milos  
;; APPLICANT: GEBRE-MEDHIN, Samuel  
;; APPLICANT: LI, Xuri  
;; TITLE OF INVENTION: TRANSGENIC ANIMAL WITH RECOMBINANT  
;; TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR B (VEGF-B) DNA AND USES  
;; TITLE OF INVENTION: THEREOF  
;; NUMBER OF SEQUENCES: 10  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.  
;; STREET: 1200 G Street, N.W., Suite 700  
;; CITY: Washington  
;; STATE: DC  
;; COUNTRY: USA  
;; ZIP: 20005  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/025,701  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: US 60/038,202  
;; FILING DATE: 18-FEB-1997  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: EVANS, Joseph D  
;; REGISTRATION NUMBER: 26,269  
;; REFERENCE/DOCKET NUMBER: 1064/43342  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (202) 628-8800  
;; TELEFAX: (202) 628-8844  
;; INFORMATION FOR SEQ ID NO: 3:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
;; US-09-025-701-3

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 47 GACCAGCACTGTGACTG 63  
DB 1 GCCCACTGTGTGACTG 17

RESULT 357  
US-08-584-040-6244  
;; Sequence 6244, Application US/08584040  
;; Patent No. 6346398  
;; GENERAL INFORMATION:  
;; APPLICANT: Pavco, Pamela  
;; APPLICANT: McSwiggen, James  
;; APPLICANT: Stinchcomb, Dan T.  
;; APPLICANT: Escobedo, Jaime  
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
;; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
;; TITLE OF INVENTION: GROWTH FACTOR  
;; NUMBER OF SEQUENCES: 8502  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; STREET: Suite 4700  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071-2066  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: Word Perfect 5.1  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/584,040  
;; FILING DATE: January 11, 1996  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 60/005,974  
;; FILING DATE: October 26, 1995  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 218/064  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 6244:  
;; SEQUENCE CHARACTERISTICS:

;  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-6244

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 70.6%; Pred. No. 2.8e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCCG 1049  
|||:|||||  
Db 1 GACUUGGCUUGGCCCG 17

## RESULT 358

US-09-371-772B-3004  
; Sequence 3004, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEH800 876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 3004  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3004

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 70.8%; Pred. No. 2.8e+02;  
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1033 GACTTTGGCTGGCCCG 1049  
|||:|||||  
Db 1 GACUUGGCUUGGCCCG 17

## RESULT 359

US-09-640-198D-22  
; Sequence 22, Application US/09640198D  
; Patent No. 6586411  
; GENERAL INFORMATION:  
; APPLICANT: Russell, Stephen  
; APPLICANT: Kay Whyte, Peng  
; TITLE OF INVENTION: System for Monitoring the Location of  
; TITLE OF INVENTION: Transgenes  
; FILE REFERENCE: 07039-295001  
; CURRENT APPLICATION NUMBER: US/09/640,198D  
; CURRENT FILING DATE: 2000-08-16  
; PRIOR APPLICATION NUMBER: US 60/149,168  
; PRIOR FILING DATE: 1999-08-17  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 22  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
US-09-640-198D-22

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1723 CATGTTCACTGCCCCAC 1739  
|||||  
Db 1 CATGTTCACTGCCCCAC 17

## RESULT 360

US-09-639-667-18  
; Sequence 18, Application US/09639667  
; Patent No. 6632800  
; GENERAL INFORMATION:  
; APPLICANT: Russell, Stephen James  
; APPLICANT: Peng, Kah Whye  
; TITLE OF INVENTION: SYSTEM FOR MONITORING THE EXPRESSION OF  
; TITLE OF INVENTION: TRANSGENES  
; FILE REFERENCE: 07039-292001  
; CURRENT APPLICATION NUMBER: US/09/639,667  
; CURRENT FILING DATE: 2001-06-04  
; PRIOR APPLICATION NUMBER: 60/149,168  
; PRIOR FILING DATE: 1999-08-17  
; NUMBER OF SEQ ID NOS: 31  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 18  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: cleavage signal  
US-09-639-667-18

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1723 CATGTTCACTGCCCCAC 1739  
|||||  
Db 1 CATGTTCACTGCCCCAC 17

## RESULT 361

US-09-747-391-127/c  
; Sequence 127, Application US/09747391  
; Patent No. 6670124  
; GENERAL INFORMATION:  
; APPLICANT: Chow, Robert  
; APPLICANT: Tonai, Richard  
; APPLICANT: StemCyt, Inc.  
; TITLE OF INVENTION: High Throughput Methods of HLA Typing  
; FILE REFERENCE: 020035-000210US  
; CURRENT APPLICATION NUMBER: US/09/747,391  
; CURRENT FILING DATE: 2001-07-13  
; PRIOR APPLICATION NUMBER: US 60/172,768  
; PRIOR FILING DATE: 1999-12-20  
; NUMBER OF SEQ ID NOS: 278  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 127  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-747-391-127

Query Match 0.8%; Score 13.8; DB 1; Length 18;  
Best Local Similarity 88.2%; Pred. No. 2.8e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 503 CTGAGGCTACTCTGGAG 519  
|||||  
Db 18 CTGAAGCTACTCTGGAG 2

```
RESULT 362
US-08-009-263C-31/c
; Sequence 31, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-009-263C-31

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAACG 149
Db 18 AAGAAGAAGACCAACG 2

RESULT 363
US-08-400-580A-11
; Sequence 11, Application US/08400580A
; Patent No. 5693501
; GENERAL INFORMATION:
; APPLICANT: Lee, Chao-Hung
; APPLICANT: Jiang, Bingdong
; TITLE OF INVENTION: Compounds and Methods To Determine
; TITLE OF INVENTION: Presence of Histoplasma Capsulatum
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kristine H. Johnson
; STREET: 123 No. 5693501th College Ave, Ste 213
; CITY: Fort Collins
; STATE: CO
; COUNTRY: USA
; ZIP: 80524

US-08-009-263C-31

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAACG 149
Db 18 AAGAAGAAGACCAACG 2

RESULT 362
US-08-009-263C-31/c
; Sequence 31, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-009-263C-31

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAACG 149
Db 18 AAGAAGAAGACCAACG 2

RESULT 363
US-08-400-580A-11
; Sequence 11, Application US/08400580A
; Patent No. 5693501
; GENERAL INFORMATION:
; APPLICANT: Lee, Chao-Hung
; APPLICANT: Jiang, Bingdong
; TITLE OF INVENTION: Compounds and Methods To Determine
; TITLE OF INVENTION: Presence of Histoplasma Capsulatum
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kristine H. Johnson
; STREET: 123 No. 5693501th College Ave, Ste 213
; CITY: Fort Collins
; STATE: CO
; COUNTRY: USA
; ZIP: 80524
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/400,580A
FILING DATE: 08-MAR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Johnson, Kristine H.
REGISTRATION NUMBER: 36,835
REFERENCE/DOCKET NUMBER: P-1011
TELECOMMUNICATION INFORMATION:
TELEPHONE: (970) 472-9650
TELEFAX: (970) 472-9655
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
US-08-400-580A-11

Query Match 0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 622 AAGCTGACAACTGGG 638
Db 1 AAGCTGTCACAACTGG 17

RESULT 364
US-08-838-715B-31/c
; Sequence 31, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kiener, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,715B
FILING DATE: April 9, 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/568,366
FILING DATE: 8/16/90
APPLICATION NUMBER: 07/927,506
FILING DATE: 11/19/92
APPLICATION NUMBER: 08/009,263
FILING DATE: 1/25/93
APPLICATION NUMBER: 08/233,711
FILING DATE: 4/26/94
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0204
TELECOMMUNICATION INFORMATION:
```

```

; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-838-715B-31

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 ATGAGAGATCAACG 149
Db 18 AAGAGAGAGCAACG 2

RESULT 365
US-09-780-173A-5/c
; Sequence 5, Application US/09780173A
; Patent No. 645307
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-ALPHA PRIME EXPRESSION
; FILE REFERENCE: R1S-0165
; CURRENT APPLICATION NUMBER: US/09/780,173A
; CURRENT FILING DATE: 2001-02-08
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
; US-09-780-173A-5

Query Match      0.8%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 3.1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1364 GACTTGATGCGGCGG 1380
Db 17 GACTGGAAGCGGCGG 1

RESULT 366
US-07-941-370-1/c
; Sequence 1, Application US/07941370
; Patent No. 5316948
; GENERAL INFORMATION:
; APPLICANT: Pless, Reynaldo C.
; TITLE OF INVENTION: N4-methyl-2'-deoxycytidine
; TITLE OF INVENTION: 5'-triphosphate and its Use in Polymerase-Catalyzed
; TITLE OF INVENTION: Nucleic Acid Syntheses
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee and Winner
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: CO
; COUNTRY: USA
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
;

; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-08-838-715B-31

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 367
US-08-390-256-3/c
; Sequence 3, Application US/08390256
; Patent No. 5538871
; GENERAL INFORMATION:
; APPLICANT: Gerard J. Nuovo et al.
; TITLE OF INVENTION: IMPROVEMENTS IN THE IN SITU POLYMERASE
; TITLE OF INVENTION: CHAIN REACTION
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cetus Corporation
; STREET: 1400 Fifty-Third Street
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,256
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/733,419
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kevin R. Kaster
; REGISTRATION NUMBER: 32,704
; REFERENCE/DOCKET NUMBER: 2614
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 420-3444
; TELEFAX: (415) 658-5470
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other Nucleic Acid
```

US-08-390-256-3

Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATCAACTACC 1324  
Db 19 CAAGACATCATCGACC 3

RESULT 368

US-08-146-422-30/c  
; Sequence 30, Application US/08146422  
; Patent No. 5543576  
; GENERAL INFORMATION:  
; APPLICANT: VAN COIJEN, ALBERT J. J.  
; APPLICANT: HOEKEMA, ANDREAS  
; APPLICANT: RIETVELD, KRIJN  
; APPLICANT: PEN JAN  
; APPLICANT: SIJMONS, PETER C.  
; APPLICANT: VERWOERD, TEUNIS C.  
; APPLICANT: QUAX, WILHEMUS J.  
; TITLE OF INVENTION: PRODUCTION OF ENZYMES IN SEEDS AND THEIR  
; TITLE OF INVENTION: USE  
; NUMBER OF SEQUENCES: 33  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORRISON & FOERSTER  
; STREET: 755 Page Mill Road  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94304-1018  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/146,422  
; FILING DATE: 02-NOV-1993  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KENNEDY, BILL  
; REGISTRATION NUMBER: 33,407  
; REFERENCE/DOCKET NUMBER: 44615-20011.23  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 813-5600  
; TELEFAX: (415) 494-0792  
; INFORMATION FOR SEQ ID NO: 30:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-146-422-30

Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 115 CCGATCGCCATGGATCG 131  
Db 20 CAGATCTCCATGGATCG 4

RESULT 369

US-08-146-424-31/c  
; Sequence 31, Application US/08146424  
; Patent No. 5593963  
; GENERAL INFORMATION:  
; APPLICANT: VAN COIJEN, ALBERT J. J.

; APPLICANT: RIETVELD, KRIJN  
; APPLICANT: HOEKEMA, ANDREAS  
; APPLICANT: PEN, JAN  
; APPLICANT: SIJMONS, PETER C.  
; APPLICANT: VERWOERD, TEUNIS C.  
; TITLE OF INVENTION: THE EXPRESSION OF PHYTASE IN PLANTS  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORRISON & FOERSTER  
; STREET: 755 Page Mill Road  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94304-1018  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/146,424  
; FILING DATE: 02-NOV-1993  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KENNEDY, BILL  
; REGISTRATION NUMBER: 33,407  
; REFERENCE/DOCKET NUMBER: 44615-20011.24  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 813-5600  
; TELEFAX: (415) 494-0792  
; INFORMATION FOR SEQ ID NO: 31:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-146-424-31

Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 115 CCGATCGCCATGGATCG 131  
Db 20 CAGATCTCCATGGATCG 4

RESULT 370

US-08-221-465-1/c  
; Sequence 1, Application US/08221465  
; Patent No. 5683896  
; GENERAL INFORMATION:  
; APPLICANT: Hartley, James I.  
; APPLICANT: Berninger, Mark  
; TITLE OF INVENTION: Process for Controlling Contamination of  
; TITLE OF INVENTION: Nucleic Acid Amplification Reactions  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein and Fox  
; STREET: 1225 Connecticut Avenue  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/221,465  
; FILING DATE: 01-APR-1994



```
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/079,835
; FILING DATE:
; APPLICATION NUMBER: US 07/728,874
; FILING DATE: 12-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Esmond, Robert W.
; REGISTRATION NUMBER: 32,893
; REFERENCE/DOCKET NUMBER: 0942.2160004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 833-7533
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; MOLECULE TYPE: DNA
; US-08-221-465-1

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 371
US-08-221-465-3/c
; Sequence 3, Application US/08221465
; Patent No. 5683896
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; TITLE OF INVENTION: Process for Controlling Contamination of
; TITLE OF INVENTION: Nucleic Acid Amplification Reactions
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein and Fox
; STREET: 1225 Connecticut Avenue
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,465
; FILING DATE: 01-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/079,835
; FILING DATE:
; APPLICATION NUMBER: US 07/728,874
; FILING DATE: 12-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Esmond, Robert W.
; REGISTRATION NUMBER: 32,893
; REFERENCE/DOCKET NUMBER: 0942.2160004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 833-7533
; TELEFAX: (202) 833-8716
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
```

```
; STRANDEDNESS: both
; TOPOLOGY: both
; US-08-221-465-3

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 372
US-08-212-188-10/c
; Sequence 10, Application US/08212188
; Patent No. 5689039
; GENERAL INFORMATION:
; APPLICANT: BECKER, JEFFREY M.
; APPLICANT: STACEY, GARY
; TITLE OF INVENTION: PLANT PEPTIDE TRANSPORT GENE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVE., N.W.
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: US
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/212,188
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I
; REGISTRATION NUMBER: 32,680
; REFERENCE/DOCKET NUMBER: 7493-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Arabidopsis thaliana
; US-08-212-188-10

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 6 GCACCGTAAGGATGGA 22
Db 20 GCACCGTAATCATGGA 4

RESULT 373
US-08-626-554-13/c
; Sequence 13, Application US/08626554
; Patent No. 5714474
; GENERAL INFORMATION:
; APPLICANT: VAN OOLJEN, ALBERT J.J.
; APPLICANT: RIETVELD, KRIJN
```

```
,
; APPLICANT: HOEKEMA, ANDREAS
; APPLICANT: PEN, JAN
; APPLICANT: SIJMONS, PETER C.
; APPLICANT: VERWOERD, TEUNIS C.
; APPLICANT: QUAX, WILHEMUS J.
; TITLE OF INVENTION: PRODUCTION OF ENZYMES IN SEEDS AND THEIR
; TITLE OF INVENTION: USE
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 PENNSYLVANIA AVENUE NW
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/626,554
; FILING DATE: 02-APR-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 26192-20011.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030 MRSNFOERSWSH
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-626-554-13
;
; Query Match 0.8%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 3.4e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
Qy 115 CCGATCGCCATGGATCG 131
Db 20 CAGATCTCCATGGATCG 4
;
; RESULT 374
; US-08-693-709-14/c
; Sequence 14, Application US/08693709
; Patent No. 5770413
; GENERAL INFORMATION:
; APPLICANT: VAN OOIJEN, ALBERT J.J.
; APPLICANT: RIETVELD, KRIJN
; APPLICANT: HOEKEMA, ANDREAS
; APPLICANT: PEN, JAN
; APPLICANT: SIJMONS, PETER C.
; APPLICANT: VERWOERD, TEUNIS C.
; TITLE OF INVENTION: THE EXPRESSION OF PHYTASE
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
```

```
,
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSSQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/693,709
; FILING DATE: 07-AUG-1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,424
; FILING DATE: 02-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 24615-20011.10
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-813-5600
; TELEFAX: 415-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-693-709-14
;
; Query Match 0.8%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 3.4e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
Qy 115 CCGATCGCCATGGATCG 131
Db 20 CAGATCTCCATGGATCG 4
;
; RESULT 375
; US-08-257-963B-13
; Sequence 13, Application US/08257963B
; Patent No. 5840686
; GENERAL INFORMATION:
; APPLICANT: Chader, Gerald J.; Becerra, S.
; APPLICANT: Patricia; Schwartz, Joan P.;
; APPLICANT: Taniwaki, Takayuki
; TITLE OF INVENTION: PIGMENT EPITHELIUM
; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION OF ITS NOVEL
; TITLE OF INVENTION: BIOLOGICAL ACTIVITY AND SEQUENCES ENCODING
; TITLE OF INVENTION: AND EXPRESSING THE PROTEIN
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan
; STREET: 345 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/257,963B
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/952,796
; FILING DATE: 24-SEPT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DOROTHY R. AUTH
; REGISTRATION NUMBER: 36434
; REFERENCE/DOCKET NUMBER: 20264126US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
```

INFORMATION FOR SEQ ID NO: 13;  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 Base Pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Unknown  
TOPOLOGY: Unknown  
MOLECULE TYPE: Oligonucleotide  
FEATURE:  
NAME/KEY: 603  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION: primer in a polymerase  
OTHER INFORMATION: chain reaction  
US-08-257-963B-13

Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1631 CCAGCGGCGCGCTG 1647  
Db 2 CAAGCTGGCAGCGGCTG 18

RESULT 376  
US-08-457-273B-13/c  
Sequence 13, Application US/08457273B  
Patent No. 5849995  
GENERAL INFORMATION:  
APPLICANT: Hayden, Michael  
APPLICANT: Lin, Biaoyang  
APPLICANT: Nasir, Jamal  
TITLE OF INVENTION: Mouse Model for Huntington's Disease and  
TITLE OF INVENTION: Related DNA Sequences  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Virginia Bennett  
STREET: PO Box 37428  
CITY: Raleigh  
STATE: No. 584995th Carolina  
COUNTRY: US  
ZIP: 27627  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,273B  
FILING DATE:  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Bennett, Virginia C.  
REGISTRATION NUMBER: 37,092  
REFERENCE/DOCKET NUMBER: 3477-85A  
TELEPHONE: 919-854-1400  
TELEFAX: 919-854-1401  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-457-273B-13

Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1666 CACAGGCGCGCCCA 1682  
Db 17 CAAGCATACATCGACC 1

RESULT 377  
US-08-962-701-1/c  
Sequence 1, Application US/08962701  
Patent No. 5945313  
GENERAL INFORMATION:  
APPLICANT: HARTLEY, JAMES L.  
APPLICANT: BERNINGER, MARK  
TITLE OF INVENTION: PROCESS FOR CONTROLLING CONTAMINATION OF  
TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION REACTIONS  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN AND FOX P.L.L.C.  
STREET: 1100 NEW YORK AVE., NW, SUITE 600  
CITY: WASHINGTON  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/962,701  
FILING DATE: 03-NOV-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/221,465  
FILING DATE: 01-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/633,389  
FILING DATE: 31-DEC-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/401,840  
FILING DATE: 01-SEP-1989  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/360,120  
FILING DATE: 01-JUN-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: FLESHNER, RAZ E.  
REGISTRATION NUMBER: 34,331  
REFERENCE/DOCKET NUMBER: 0942.1140009  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-962-701-1

Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATCAACTACC 1324  
Db 17 CAAGCATACATCGACC 1

RESULT 378  
US-08-962-701-3/c  
Sequence 3, Application US/08962701  
Patent No. 5945313  
GENERAL INFORMATION:  
APPLICANT: HARTLEY, JAMES L.  
APPLICANT: BERNINGER, MARK

```
;
; TITLE OF INVENTION: PROCESS FOR CONTROLLING CONTAMINATION OF
; NUCLEIC ACID AMPLIFICATION REACTIONS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERN, KESSLER, GOLDSTEIN AND FOX P.L.L.C.
; STREET: 1100 NEW YORK AVE., NW, SUITE 600
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 03-NOV-1997
; APPLICATION NUMBER: US 08/962,701
; FILING DATE: 03-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/221,465
; FILING DATE: 01-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/633,389
; FILING DATE: 31-DEC-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/401,840
; FILING DATE: 01-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/360,120
; FILING DATE: 01-JUN-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: FLESHNER, RAZ E.
; REGISTRATION NUMBER: 34,331
; REFERENCE/DOCKET NUMBER: 0942.1140009
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "RNA"
;
; US-08-962-701-3
;
; Query Match 0.8%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 3.4e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; Qy 1308 CAAGACATACACTACC 1324
; Db 17 CAAGACATACATCGACC 1
;
; RESULT 379
; US-09-018-576-4/c
; Sequence 4, Application US/09018576
; Patent No. 5968800
; GENERAL INFORMATION:
; APPLICANT: Gerhold, David L.
; TITLE OF INVENTION: CYCLIN-DEPENDENT PROTEIN KINASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000, RY60-30
; CITY: Rahway
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
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;
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,576
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hand, J. Mark
; REGISTRATION NUMBER: 36,545
; REFERENCE/DOCKET NUMBER: 19885Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732/594-3905
; TELEFAX: 732/594-4720
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
;
; US-09-018-576-4
;
; Query Match 0.8%; Score 13.8; DB 1; Length 20;
; Best Local Similarity 88.2%; Pred. No. 3.4e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; Qy 1160 GGCGTGTGGCTGCATC 1176
; Db 18 GGTCGTGGCTGCATC 2
;
; RESULT 380
; US-08-837-201C-9
; Sequence 9, Application US/08837201C
; Patent No. 5985558
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201C
; FILING DATE: April 14, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
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; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-837-201C-9
Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCTCAGCGCGGCC 568
Db 2 GCCCTCAGCGCGGCC 18

RESULT 381
US-09-248-137-4/c
; Sequence 4, Application US/09248137
; Patent No. 6030788
; GENERAL INFORMATION:
; APPLICANT: Gerhold, David L.
; TITLE OF INVENTION: CYCLIN-DEPENDENT PROTEIN KINASE
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000, RY60-30
; CITY: Rahway
; STATE: NJ
; COUNTRY: US
; ZIP: 07065-0907
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,576
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Hand, J. Mark
; REGISTRATION NUMBER: 36,545
; REFERENCE/DOCKET NUMBER: 19885Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 732/594-3905
; TELEFAX: 732/594-4720
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
US-09-248-137-4
Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1160 GGGGTGTGGCTGCATC 1176
Db 18 GGTCTGTGGCTGCATC 2

RESULT 382
US-09-344-001-33/c
; Sequence 33, Application US/09344001
; Patent No. 6054440
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUN N-TERMINAL KINASE-2 EXPRESS
; FILE REFERENCE: RTS-0067
; CURRENT APPLICATION NUMBER: US/09/344,001
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-344-001-33
Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 974 ACCGAGCCTCAGCCC 990
Db 20 ACCGAGCCTCAGCCC 4

RESULT 383
US-08-810-641-3/c
; Sequence 3, Application US/08810641
; Patent No. 6074868
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, M.
; TITLE OF INVENTION: ALUMINA PLATE METHOD AND DEVICE
; TITLE OF INVENTION: FOR CONTROLLING TEMPERATURE
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth, P.A.
; STREET: P.O. Box 2938
; CITY: Minneapolis
; STATE: MN
; COUNTRY: U.S.A
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/810,641
; FILING DATE: 03-MAR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Embretson, Janet E
; REGISTRATION NUMBER: 39,665
; REFERENCE/DOCKET NUMBER: 600.383US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-373-6900
; TELEFAX: 612-339-3061
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-810-641-3
Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 1308 CAAGACATACACTACC 1324  
Db 19 CAAGACATACATCGACC 3

RESULT 384  
US-08-970-725-10/c  
; Sequence 10, Application US/08970725  
; Patent No. 6080542  
; GENERAL INFORMATION:  
; APPLICANT: Becker, Jeffrey M.  
; APPLICANT: Stacey, Gary  
; TITLE OF INVENTION: PLANT PEPTIDE TRANSPORT GENE  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: WEISER & ASSOCIATES  
; STREET: 230 South Fifteenth Street, Suite 500  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19102  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/970,725  
; FILING DATE: 14-NOV-1997  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/212,188  
; FILING DATE: 16-MAR-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Weiser, Gerard J.  
; REGISTRATION NUMBER: 19,763  
; REFERENCE/DOCKET NUMBER: 372.6601P  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-875-8383  
; TELEFAX: 215-875-8394  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Arabidopsis thaliana  
US-08-970-725-10

Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GCAGCGTAAAGATGGA 22  
Db 20 GCAGCGTAAATCATGGA 4

RESULT 385  
US-09-092-077-11  
; Sequence 11, Application US/09092077  
; Patent No. 6194142  
; GENERAL INFORMATION:  
; APPLICANT: Moncany, Maurice  
; APPLICANT: Montagnier, Luc  
; TITLE OF INVENTION: Nucleotide Sequences Derived From The  
; TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,  
; TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The  
; TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis

; TITLE OF INVENTION: Of The Diseases Due To Those Viruses  
; NUMBER OF SEQUENCES: 68  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
; ADDRESSEE: Dunner  
; STREET: 1300 I Street, N.W., Suite 700  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005-3315  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/092,077  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/472,928  
; FILING DATE: 07-JUN-1995  
; APPLICATION NUMBER: US 08/160,465  
; FILING DATE: 02-DEC-1993  
; PRIOR APPLICATION DATA: FR 8912371  
; APPLICATION NUMBER: FR 8907354  
; FILING DATE: 20-SEP-1989  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FR 8907354  
; FILING DATE: 06-FEB-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Meyers, Kenneth J.  
; REGISTRATION NUMBER: 25,146  
; REFERENCE/DOCKET NUMBER: 02956.0062-02000  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)408-4000  
; TELEFAX: (202)408-4400  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-09-092-077-11

Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1703 CTCGCGCTACCTGCGCTG 1719  
Db 1 CTCGCGATAGTGGCTG 17

RESULT 386  
US-09-092-077-13/c  
; Sequence 13, Application US/09092077  
; Patent No. 6194142  
; GENERAL INFORMATION:  
; APPLICANT: Moncany, Maurice  
; APPLICANT: Montagnier, Luc  
; TITLE OF INVENTION: Nucleotide Sequences Derived From The  
; TITLE OF INVENTION: Genome Of Retroviruses Of The HIV-1, HIV-2 And SIV Type,  
; TITLE OF INVENTION: And Their Uses In Particular For The Amplification Of The  
; TITLE OF INVENTION: Genomes Of These Retroviruses And For The In Vitro Diagnosis  
; TITLE OF INVENTION: Of The Diseases Due To Those Viruses  
; NUMBER OF SEQUENCES: 68  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
; ADDRESSEE: Dunner  
; STREET: 1300 I Street, N.W., Suite 700  
; CITY: Washington

```
/
/ STATE: D.C.
/ COUNTRY: USA
/ ZIP: 20005-3315
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/092,077
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/472,928
/ FILING DATE: 07-JUN-1995
/ APPLICATION NUMBER: US/08/160,465
/ FILING DATE: 02-DEC-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: FR 8912371
/ FILING DATE: 20-SEP-1989
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: FR 8907354
/ FILING DATE: 06-FEB-1989
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Meyers, Kenneth J.
/ REGISTRATION NUMBER: 25,146
/ REFERENCE/DOCKET NUMBER: 02356.0062-02000
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (202)408-4000
/ TELEFAX: (202)408-4400
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-09-092-077-13

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1703 CTCGCTACCTGCGCTG 1719
Db 20 CTCGCTACCTGCGCTG 4

RESULT 387
US-08-983-466-7/c
; Sequence 7, Application US/08983466
; Patent No. 6207372
; GENERAL INFORMATION:
; APPLICANT: SHUBER, ANTHONY P.
; TITLE OF INVENTION: UNIVERSAL PRIMER SEQUENCE FOR MULTIPLEX
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: RAE-VENTER LAW GROUP
; STREET: 260 Sheridan Ave., Ste. 440
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/983,466
; FILING DATE: 10-FEB-1998
; CLASSIFICATION: 435
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/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/474,450
/ FILING DATE: 07-JUNE-1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: WO96/41012
/ FILING DATE: 06-JUNE-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Rae-Venter, Barbara
/ REGISTRATION NUMBER: 32,750
/ REFERENCE/DOCKET NUMBER: GECO.001.01US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (650) 328-4400
/ TELEFAX: (650) 328-4477
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "Oligonucleotide primer"
/ US-08-983-466-7

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1182 TGAGATGGCCACAGCC 1198
Db 19 TGACATGGCCACCGCC 3

RESULT 388
US-09-389-896-3/c
; Sequence 3, Application US/09389896
; Patent No. 6228634
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Martin
; TITLE OF INVENTION: Thermal cycling or temperature control
; TITLE OF INVENTION: device and method using alumina plate
; FILE REFERENCE: 600.383US2
; CURRENT APPLICATION NUMBER: US/09/389,896
; EARLIER FILING DATE: 1999-09-03
; EARLIER APPLICATION NUMBER: PCT/US98/04041
; EARLIER FILING DATE: 1998-03-03
; EARLIER APPLICATION NUMBER: US 08/810,641
; EARLIER FILING DATE: 1997-03-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human papillomavirus, type 16
/ US-09-389-896-3

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACACTACC 1324
Db 19 CAAGACATACATCGACC 3

RESULT 389
US-09-489-869-21
; Sequence 21, Application US/09489869A
; Patent No. 6268151
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Lex M. Cowsett
; APPLICANT: Jacqueline Wyatt
```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
; FILE REFERENCE: RTS-0110
; CURRENT APPLICATION NUMBER: US/09/489,869A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-869-21

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 39 GGCAGGAGGACCGAG 55
Db 2 GGCAGAGGACCGAG 18

RESULT 390
US-09-344-491A-1/c
; Sequence 1, Application US/09344491A
; Patent No. 6287823
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; TITLE OF INVENTION: Process for Controlling Contamination of Nucleic Acid Amplifica
; FILE REFERENCE: 0942.114000A
; CURRENT APPLICATION NUMBER: US/09/344,491A
; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 09/344,491
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: US 08/962,701
; PRIOR FILING DATE: 1994-04-01
; PRIOR APPLICATION NUMBER: US 08/079,835
; PRIOR FILING DATE: 1993-06-22
; PRIOR APPLICATION NUMBER: US 07/728,874
; PRIOR FILING DATE: 1991-07-12
; PRIOR APPLICATION NUMBER: US 07/633,389
; PRIOR FILING DATE: 1990-12-31
; PRIOR APPLICATION NUMBER: US 07/401,840
; PRIOR FILING DATE: 1989-09-01
; PRIOR APPLICATION NUMBER: US 07/360,120
; PRIOR FILING DATE: 1989-06-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-344-491A-1

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 391
US-09-344-491A-3/c
; Sequence 3, Application US/09344491A
; Patent No. 6287823
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; TITLE OF INVENTION: Process for Controlling Contamination of Nucleic Acid Amplifica
; FILE REFERENCE: 0942.114000A
; CURRENT APPLICATION NUMBER: US/09/344,491A
; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 09/344,491
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 08/962,701
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: US 08/221,465
; PRIOR FILING DATE: 1994-04-01
; PRIOR APPLICATION NUMBER: US 08/079,835
; PRIOR FILING DATE: 1993-06-22
; PRIOR APPLICATION NUMBER: US 07/728,874
; PRIOR FILING DATE: 1991-07-12
; PRIOR APPLICATION NUMBER: US 07/633,389
; PRIOR FILING DATE: 1990-12-31
; PRIOR APPLICATION NUMBER: US 07/401,840
; PRIOR FILING DATE: 1989-09-01
; PRIOR APPLICATION NUMBER: US 07/360,120
; PRIOR FILING DATE: 1989-06-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-344-491A-1

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 391
US-09-344-491A-3/c
; Sequence 3, Application US/09344491A
; Patent No. 6287823
; GENERAL INFORMATION:
; APPLICANT: Hartley, James L.
; TITLE OF INVENTION: Process for Controlling Contamination of Nucleic Acid Amplifica
; FILE REFERENCE: 0942.114000A
; CURRENT APPLICATION NUMBER: US/09/344,491A
; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 09/344,491
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 08/962,701
; PRIOR FILING DATE: 1994-04-01
; PRIOR APPLICATION NUMBER: US 08/079,835
; PRIOR FILING DATE: 1993-06-22
; PRIOR APPLICATION NUMBER: US 07/728,874
; PRIOR FILING DATE: 1991-07-12
; PRIOR APPLICATION NUMBER: US 07/633,389
; PRIOR FILING DATE: 1990-12-31
; PRIOR APPLICATION NUMBER: US 07/401,840
; PRIOR FILING DATE: 1989-09-01
; PRIOR APPLICATION NUMBER: US 07/360,120
; PRIOR FILING DATE: 1989-06-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-344-491A-3

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1308 CAAGACATACACTACC 1324
Db 17 CAAGACATACATCGACC 1

RESULT 392
US-09-364-416-9
; Sequence 9, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/364,416
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201
; FILING DATE: April 14, 1997
```



```
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Jane Massey Licata
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0209
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (609) 810-1515
/ TELEFAX: (609) 810-1454
/ INFORMATION FOR SEQ ID NO: 9:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/
US-09-364-416-9

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCCTCAGCGCGGCC 568
Db 2 GCCCCTCAGCGCGGCC 18

RESULT 393
US-08-367-841A-13
/ Sequence 13, Application US/08367841A
/ Patent No. 6319887
/ GENERAL INFORMATION:
/ APPLICANT: Chader, Gerald J.; Rodriguez,
/ APPLICANT: Ignacio R.; Mazuruk, Krzysztof;
/ APPLICANT: Tombran-Tink, Joyce
/ TITLE OF INVENTION: PIGMENT EPITHELIUM
/ TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
/ TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PEDF GENE
/ NUMBER OF SEQUENCES: 43
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Morgan & Finnegan
/ STREET: 345 Park Avenue
/ CITY: New York
/ STATE: New York
/ COUNTRY: USA
/ ZIP: 10154
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy Disk
/ COMPUTER: IBM PC Compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: WORDPERFECT 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/367,841A
/ FILING DATE: 30-DEC-1994
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/257,963
/ FILING DATE: 07-JUN-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/952,796
/ FILING DATE: 24-SEP-1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: DOROTHY R. AUTH
/ REGISTRATION NUMBER: 36434
/ REFERENCE/DOCKET NUMBER: 2026412US2
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 758-4800
/ TELEFAX: (212) 751-6849
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 Base Pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Unknown
/ TOPOLOGY: Unknown
/ MOLECULE TYPE: Oligonucleotide

/ FEATURE:
/ NAME/KEY: 603
/ LOCATION:
/ IDENTIFICATION METHOD:
/ OTHER INFORMATION: primer in a polymerase
/ OTHER INFORMATION: chain reaction
/
US-08-367-841A-13

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1631 CCAGCGGCGAGCGGCTG 1647
Db 2 CAAGCTGCAGCGGCTG 18

RESULT 394
US-09-302-620B-47
/ Sequence 47, Application US/09302620B
/ Patent No. 6331420
/ GENERAL INFORMATION:
/ APPLICANT: Wilson, C. Ron
/ APPLICANT: Craft, David L.
/ APPLICANT: Birch, Dudley
/ APPLICANT: Shoo, Mark
/ APPLICANT: Madduri, Krishna M.
/ APPLICANT: Cornett, Cathy A.
/ APPLICANT: Brenner, Alfred A.
/ APPLICANT: Tang, Maria
/ APPLICANT: Loper, John C.
/ APPLICANT: Gleeson, Martin
/ TITLE OF INVENTION: CYTOCHROME P450 MONOOXYGENASE AND NADPH CYTOCHROME P450
/ TITLE OF INVENTION: OXIDOREDUCTASE GENES AND PROTEINS RELATED TO THE OMEGA
/ TITLE OF INVENTION: HYDROXYLASE COMPLEX OF CANDIDA TROPICALIS AND METHODS
/ TITLE OF INVENTION: RELATING THERETO
/ FILE REFERENCES: 1010-16.seq
/ CURRENT APPLICATION NUMBER: US/09/302,620B
/ CURRENT FILING DATE: 1999-04-30
/ NUMBER OF SEQ ID NOS: 103
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 47
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer
/
US-09-302-620B-47

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGGAGAGCTCAAG 1026
Db 2 AGAGGGGAGAGCTCAAG 18

RESULT 395
US-09-210-748A-12/g
/ Sequence 12, Application US/09210748A
/ Patent No. 6335156
/ GENERAL INFORMATION:
/ APPLICANT: Hermeking, Heiko
/ APPLICANT: Vogelstein, Bert
/ APPLICANT: Kinzler, Kenneth
/ TITLE OF INVENTION: 14-3-3 SIGMA ARREST THE CELL CYCLE
/ FILE REFERENCE: 1107.77810
/ CURRENT APPLICATION NUMBER: US/09/210,748A
/ CURRENT FILING DATE: 1998-12-15
/ PRIOR APPLICATION NUMBER: 60/069,416
/ PRIOR FILING DATE: 1997-12-18
/ NUMBER OF SEQ ID NOS: 18
```

```
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER
US-09-210-748A-12

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 843 TGACTACTGACAAAG 859
DB 18 TGAGTACGGGAGAAG 2

RESULT 396
US-09-702-251-77
; Sequence 77, Application US/09702251
; Patent No. 6372492
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: R1S-0199
; CURRENT APPLICATION NUMBER: US/09/702,251
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-251-77

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1571 ACTCAGGAGCGCCAGCT 1587
DB 4 ACTCTGGCAGGCGCATCT 20

RESULT 397
US-09-702-246-66
; Sequence 66, Application US/09702246
; Patent No. 6383809
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYTOHESIN-1 EXPRESSION
; FILE REFERENCE: R1S-0195
; CURRENT APPLICATION NUMBER: US/09/702,246
; CURRENT FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-702-246-66

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 733 GCACCTCGACCGCCAT 749
DB 733 GCACCTCGACCGCCAT 749

; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER
US-09-210-748A-12

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 843 TGACTACTGACAAAG 859
DB 18 TGAGTACGGGAGAAG 2

RESULT 398
US-09-506-073-83/c
; Sequence 83, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-506-073-83

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1152 TGACATGTGGGTGTGG 1168
DB 17 TGAGATGTGTGGTGTGG 1

RESULT 399
US-09-851-062-39
; Sequence 39, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: R1S-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-39

Query Match      0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 480 ACTACCAGCTGACATCC 496
DB 3 ACTCCAGCTGACCTCC 19

RESULT 400
```

US-08-520-373D-9  
; Sequence 9, Application US/08520373D  
; Patent No. 6451763  
; GENERAL INFORMATION:  
; APPLICANT: Tombran-Tink, Joyce  
; APPLICANT: Steele, Pitan R  
; APPLICANT: Chader, Gerald J  
; APPLICANT: Becerra, Sofia P  
; APPLICANT: Johnson, Lincoln V  
; APPLICANT: Rodriguez, Ignacio R  
; TITLE OF INVENTION: RETINAL PIGMENTED EPITHELIUM DERIVED NEUROTROPIC FACTOR  
; FILE REFERENCE: 2026-4203U51  
; CURRENT APPLICATION NUMBER: US/08/520,373D  
; CURRENT FILING DATE: 1995-08-29  
; PRIOR APPLICATION NUMBER: 08/377,710  
; PRIOR FILING DATE: 1995-01-25  
; PRIOR APPLICATION NUMBER: 08/279,979  
; PRIOR FILING DATE: 1994-07-25  
; PRIOR APPLICATION NUMBER: 07/894,215  
; PRIOR FILING DATE: 1992-06-04  
; PRIOR APPLICATION NUMBER: 07/952,796  
; PRIOR FILING DATE: 1992-09-24  
; NUMBER OF SEQ ID NOS: 34  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC  
; OTHER INFORMATION: PRIMER  
; OTHER INFORMATION: PRIMER 603  
US-08-520-373D-9  
Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1631 CCAGCTGGCAGCGGCTG 1647  
Db 2 CAAGCTGGCAGCGGCTG 18  
RESULT 401  
US-09-898-361-71/c  
; Sequence 71, Application US/09898361  
; Patent No. 6503152  
; GENERAL INFORMATION:  
; APPLICANT: Susan Murray  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR  
; FILE REFERENCE: RTS-0158  
; CURRENT APPLICATION NUMBER: US/09/898,361  
; CURRENT FILING DATE: 2001-06-21  
; NUMBER OF SEQ ID NOS: 163  
; SEQ ID NO 71  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-361-71  
Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1202 CCCTCTTTCGGGCTCC 1218  
Db 19 CCATCTTTCGGGCTCC 3

RESULT 402  
US-09-782-516A-1/c  
; Sequence 1, Application US/09782516A  
; Patent No. 6518026  
; GENERAL INFORMATION:  
; APPLICANT: Hartley, James L.  
; APPLICANT: Berninger, Mark  
; TITLE OF INVENTION: Process for Controlling Contamination of  
; TITLE OF INVENTION: Nucleic Acid Amplification Reactions  
; FILE REFERENCE: 0942.114000B  
; CURRENT APPLICATION NUMBER: US/09/782,516A  
; CURRENT FILING DATE: 2001-02-14  
; PRIOR APPLICATION NUMBER: US 09/344,491  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: US 08/962,701  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: US 08/221,465  
; PRIOR FILING DATE: 1994-04-01  
; PRIOR APPLICATION NUMBER: US 08/079,835  
; PRIOR FILING DATE: 1993-06-22  
; PRIOR APPLICATION NUMBER: US 07/728,874  
; PRIOR FILING DATE: 1991-07-12  
; PRIOR APPLICATION NUMBER: US 07/633,389  
; PRIOR FILING DATE: 1990-12-31  
; PRIOR APPLICATION NUMBER: US 07/401,840  
; PRIOR FILING DATE: 1989-09-01  
; PRIOR APPLICATION NUMBER: US 07/360,120  
; PRIOR FILING DATE: 1989-06-01  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer  
US-09-782-516A-1  
Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1308 CAAGCATACAACTACC 1324  
Db 17 CAAGCATACATCGACC 1  
RESULT 403  
US-09-782-516A-3/c  
; Sequence 3, Application US/09782516A  
; Patent No. 6518026  
; GENERAL INFORMATION:  
; APPLICANT: Hartley, James L.  
; APPLICANT: Berninger, Mark  
; TITLE OF INVENTION: Process for Controlling Contamination of  
; TITLE OF INVENTION: Nucleic Acid Amplification Reactions  
; FILE REFERENCE: 0942.114000B  
; CURRENT APPLICATION NUMBER: US/09/782,516A  
; CURRENT FILING DATE: 2001-02-14  
; PRIOR APPLICATION NUMBER: US 09/344,491  
; PRIOR FILING DATE: 1999-06-25  
; PRIOR APPLICATION NUMBER: US 08/962,701  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: US 08/221,465  
; PRIOR FILING DATE: 1994-04-01  
; PRIOR APPLICATION NUMBER: US 08/079,835  
; PRIOR FILING DATE: 1993-06-22  
; PRIOR APPLICATION NUMBER: US 07/728,874  
; PRIOR FILING DATE: 1991-07-12  
; PRIOR APPLICATION NUMBER: US 07/633,389  
; PRIOR FILING DATE: 1990-12-31  
; PRIOR APPLICATION NUMBER: US 07/401,840  
; PRIOR FILING DATE: 1989-09-01

;; PRIOR APPLICATION NUMBER: US 07/360,120  
;; PRIOR FILING DATE: 1989-06-01  
;; NUMBER OF SEQ ID NOS: 9  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 3  
;; LENGTH: 20  
;; TYPE: RNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Primer  
US-09-782-516A-3  
  
Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
QY 1308 CAAGACATCAACTACC 1324  
Db 17 CAAGACATCATCGACC 1  
  
RESULT 404  
US-09-422-978-4109/c  
; Sequence 4109, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilva  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 4109  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..20  
; OTHER INFORMATION: upstream amplification primer 99-13320 for SEQ 175,  
US-09-422-978-4109  
  
Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
QY 1060 ATCCCAACAAAGACATA 1076  
Db 18 ATCACACACACAGACATA 2  
  
RESULT 405  
US-09-060-299-357/c  
; Sequence 357, Application US/09060299  
; Patent No. 6545137  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hess, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshihiko  
; APPLICANT: Merriman, Tony R

;; APPLICANT: Metzker, Michael L  
;; TITLE OF INVENTION: No. 6545137el Receptor  
;; NUMBER OF SEQUENCES: 455  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Nixon and Vanderhye  
;; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor  
;; CITY: Arlington  
;; STATE: Virginia  
;; COUNTRY: US  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/060,299  
;; FILING DATE: 15-APR-1998  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 60/043,553  
;; FILING DATE: 15-APR-1997  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 60/048,740  
;; FILING DATE: 05-JUN-1997  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: B.J.Sadoff  
;; REGISTRATION NUMBER: 36,663  
;; REFERENCE/DOCKET NUMBER: 620-35  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (703)816-4091  
;; TELEFAX: (703)816-4100  
;; INFORMATION FOR SEQ ID NO: 357:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-09-060-299-357  
  
Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
  
QY 1435 GAGGATGCCCATGAACA 1451  
Db 20 GAGGAGGCCCATCAACA 4  
  
RESULT 406  
US-09-402-923A-357/c  
; Sequence 357, Application US/09402923A  
; Patent No. 6555654  
; GENERAL INFORMATION:  
; APPLICANT: Todd, John A  
; APPLICANT: Hess, John W  
; APPLICANT: Caskey, Charles T  
; APPLICANT: Cox, Roger D  
; APPLICANT: Gerhold, David  
; APPLICANT: Hammond, Holly  
; APPLICANT: Hey, Patricia  
; APPLICANT: Kawaguchi, Yoshihiko  
; APPLICANT: Merriman, Tony R  
; APPLICANT: Metzker, Michael L  
; TITLE OF INVENTION: No. 6555654el LDL-Receptor  
; NUMBER OF SEQUENCES: 455  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Nixon and Vanderhye  
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: US  
; ZIP: VA 22201-4714  
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA: US/09/402,923A  
FILING DATE: 14-Feb-2001  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB98/01102  
FILING DATE: 15-APR-1998  
APPLICATION NUMBER: US 60/043,553  
FILING DATE: 15-APR-1997  
APPLICATION NUMBER: US 60/048,740  
FILING DATE: 05-JUN-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: B.J.Sadoff  
REGISTRATION NUMBER: 36,663  
REFERENCE/DOCKET NUMBER: 620-81  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)816-4091  
TELEFAX: (703)816-4100  
INFORMATION FOR SEQ ID NO: 357:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 357:  
US-09-402-923A-357  
Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1435 GAGATGCCGATGAACA 1451  
Db 20 GAGGAGCCCAACA 4  
RESULT 407  
US-09-198-452A-1337  
Sequence 1337, Application US/09198452A  
Patent No. 6559294  
GENERAL INFORMATION:  
APPLICANT: Griffiths, R.  
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection  
TITLE OF INVENTION: and treatment of infection  
FILE REFERENCE: 9710-003-999  
CURRENT APPLICATION NUMBER: US/09/198,452A  
CURRENT FILING DATE: 1998-11-24  
NUMBER OF SEQ ID NOS: 6849  
SEQ ID NO 1337  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-1337  
Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1468 CTGGGGGAGCGGATCCA 1484  
Db 4 CTGGGAGAGCGGATCCA 20  
RESULT 408  
US-09-679-299A-119  
Sequence 119, Application US/09679299A  
Patent No. 6566135  
GENERAL INFORMATION:  
APPLICANT: Vickie L. Brown-Driver

APPLICANT: Hong Zhang  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION  
FILE REFERENCE: RTS-0187  
CURRENT APPLICATION NUMBER: US/09/679,299A  
CURRENT FILING DATE: 2000-10-04  
NUMBER OF SEQ ID NOS: 164  
SEQ ID NO 119  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-679-299A-119  
Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 211 CAGATAGCGCTGGATGA 227  
Db 3 CCGACAGCGCTGGATGA 19  
RESULT 409  
US-09-377-497-21/c  
Sequence 21, Application US/09377497  
Patent No. 6670119  
GENERAL INFORMATION:  
APPLICANT: YOSHIKAWA, YOSHIE  
APPLICANT: MUKAI, HIROYUKI  
APPLICANT: ASADA, KIYOZO  
APPLICANT: HINO, FUMITSUGU  
APPLICANT: KATO, IKUNOSHIN  
TITLE OF INVENTION: CANCER-ASSOCIATED GENES  
FILE REFERENCE: 1422-388P  
CURRENT APPLICATION NUMBER: US/09/377,497  
CURRENT FILING DATE: 1999-08-20  
NUMBER OF SEQ ID NOS: 70  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 21  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: any n Or Xaa = unknown  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA  
US-09-377-497-21  
Query Match 0.8%; Score 13.8; DB 1; Length 20;  
Best Local Similarity 88.2%; Pred. No. 3.4e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1055 AGTCAATCCCAACAAG 1071  
Db 17 AGTCACCCCAACAAG 1  
RESULT 410  
US-09-495-714C-7  
Sequence 7, Application US/09495714C  
Patent No. 6670465  
GENERAL INFORMATION:  
APPLICANT: University Technologies International Inc.  
TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE  
FILE REFERENCE: 45499.4 (formerly 45074.6)  
CURRENT APPLICATION NUMBER: US/09/495,714C  
CURRENT FILING DATE: 2000-02-01  
NUMBER OF SEQ ID NOS: 138  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 7  
LENGTH: 20

```

; TYPE: DNA
; ORGANISM: homo sapiens
US-09-495-714C-7

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1698 TTACTCTCTGCTTACCT 1714
Db 1 TTCTCTCTGCTTACCT 17

RESULT 411
PCT-US95-02708-10/c
; Sequence 10, Application PC/TUS9502708
; GENERAL INFORMATION:
; APPLICANT: BECKER, JEFFREY M.
; TITLE OF INVENTION: PLANT PEPTIDE TRANSPORT GENE
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVE., N.W.
; CITY: WASHINGTON
; STATE: DC
; COUNTRY: US
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/02708
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I
; REGISTRATION NUMBER: 32,680
; REFERENCE/DOCKET NUMBER: 7493-006
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ORIGINAL SOURCE:
; ORGANISM: Arabidopsis thaliana
PCT-US95-02708-10

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 GCAGCGTAAAGATGGA 22
Db 20 GCAGCGTAAATCATGGA 4

RESULT 412
PCT-US95-07201-13
; Sequence 13, Application PC/TUS9507201
; GENERAL INFORMATION:
; APPLICANT: Chader, Gerald J.; Becerra, Sofia
; APPLICANT: Patricia; Schwartz, Joan P.;
; APPLICANT: Taniwaki, Takayuki
; TITLE OF INVENTION: PIGMENT EPITHELIUM

; TITLE OF INVENTION: DERIVED FACTOR: CHARACTERIZATION GENOMIC
; TITLE OF INVENTION: ORGANIZATION AND SEQUENCE OF THE PDF GENE
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan & Finnegan, L.L.P.
; STREET: 345 Park Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07201
; FILING DATE: 06-JUN-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/367,841
; FILING DATE: 30-DEC-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/357,963
; FILING DATE: 07-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/952,796
; FILING DATE: 24-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: DOROTHY R. AUTH
; REGISTRATION NUMBER: 36434
; REFERENCE/DOCKET NUMBER: 20264126PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 Base Pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Unknown
; TOPOLOGY: Unknown
; MOLECULE TYPE: Oligonucleotide
; FEATURE:
; NAME/KEY: 603
; LOCATION:
; IDENTIFICATION METHOD:
; OTHER INFORMATION: primer in a polymerase
; OTHER INFORMATION: Chain reaction
PCT-US95-07201-13

Query Match 0.8%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1631 CCAGCAGCGCAGCGCTG 1647
Db 2 CAGCTGGCAGCGCTG 18

RESULT 413
US-08-127-954-15/c
; Sequence 15, Application US/08127954
; Patent No. 5451512
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; TITLE OF INVENTION: Methods and Reagents for HLA Class I A
; TITLE OF INVENTION: Locus DNA Typing
; NUMBER OF SEQUENCES: 173
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
```

CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110-1199  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/127,954  
FILING DATE:  
CLASSIFICATION: 436  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 8873  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-127-954-15

Query Match 0.8%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1239 CTTTCATCTCCGTATCT 1255  
Db 18 CTTTCATCTCCGTCT 2

RESULT 414  
US-08-474-542A-142  
Sequence 142, Application US/08474542A  
Patent No. 5527898  
GENERAL INFORMATION:  
APPLICANT: Bauer, Heidi M.  
APPLICANT: Gravitt, Patti E.  
APPLICANT: Greer, Catherine E.  
APPLICANT: Imprim, Chaka C.  
APPLICANT: Manos, M. Michele  
APPLICANT: Resnick, Robert M.  
TITLE OF INVENTION: Detection of Human Papillomavirus by the  
NUMBER OF SEQUENCES: 298  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.  
ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/474,542A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 9234  
TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 142:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-474-542A-142

Query Match 0.8%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCACTACATCTTCC 1693  
Db 4 CCGTACTACATCTTCC 20

RESULT 415  
US-08-374-770-9/c  
Sequence 9, Application US/08374770  
Patent No. 5620219  
GENERAL INFORMATION:  
APPLICANT: Kopetzki et al.  
TITLE OF INVENTION: HYPOGLYCOSYLATED RECOMBINANT  
TITLE OF INVENTION: GLUCOSIDASE OXIDASES  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felfe & Lynch  
STREET: 805 Third Avenue  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/374,770  
FILING DATE: February 7, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE P 42 26 095.7  
FILING DATE: 07-AUG-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: DE P 43 01 904.8  
FILING DATE: 07-JAN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Pasqualini, Patricia A.  
REGISTRATION NUMBER: 34,894  
REFERENCE/DOCKET NUMBER: BOER 1046  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-374-770-9

Query Match 0.8%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 225 TGAGAGTGGTGGTGGT 241  
Db 20 TGTCACTGGTGGTGGT 4

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RESULT 416
US-08-457-648-142
; Sequence 142, Application US/08457648
; Patent No. 5639871
; GENERAL INFORMATION:
; APPLICANT: Bauer, Heidi M.
; APPLICANT: Gravitt, Patti E.
; APPLICANT: Greer, Catherine E.
; APPLICANT: Imprim, Chaka C.
; APPLICANT: Manos, M. Michele
; APPLICANT: Resnick, Robert M.
; TITLE OF INVENTION: Detection of Human Papillomavirus by the
; TITLE OF INVENTION: Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 298
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/457,648
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 9205
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 142:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-457-648-142

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1677 CCCCAACTACATCTTCC 1693
Db 4 CCGTAACTACATCTTCC 20

RESULT 417
US-08-461-593B-9/c
; Sequence 9, Application US/08461593B
; Patent No. 5705616
; GENERAL INFORMATION:
; APPLICANT: Lehle, Ludwig; Lehnert, Klaus; Kopetzki, Erhard
; TITLE OF INVENTION: Yeast Strain with Defect in N-Glycosylation
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,593B
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 42 26 094.9
; FILING DATE: 07-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 43 01 932.3
; FILING DATE: 07-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Tiajolloff, Andrew T.
; REGISTRATION NUMBER: 31,575
; REFERENCE/DOCKET NUMBER: BOER-1018.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 688-9200
; TELEFAX: (212) 838-3884
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-461-593B-9

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 225 TGAGAGTGGTGGTGG 241
Db 20 TGTCAGTGGTGGTGG 4

RESULT 418
US-08-651-323A-9/c
; Sequence 9, Application US/08651323A
; Patent No. 5798226
; GENERAL INFORMATION:
; APPLICANT: Lehle, Ludwig; Lehnert, Klaus; Kopetzki, Erhard
; TITLE OF INVENTION: Yeast Host Strains With Defects in
; TITLE OF INVENTION: N-Glycosylation
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felfe & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.25 inch, 1.44mb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/651,323A
; FILING DATE: May 31, 1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/104,436
; FILING DATE: August 9, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 42 26 094.9
; FILING DATE: 07-AUG-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 43 01 932.3
; FILING DATE: 23-JAN-1993
; ATTORNEY/AGENT INFORMATION:
```



NAME: Andrew L. Tiajolloff  
REGISTRATION NUMBER: 31,575  
REFERENCE/DOCKET NUMBER: BOER-1018.2 CIP  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 9:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-651-323A-9

Query Match 0.8%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 225 TGAGAGTGGTGGTG 241  
Db 20 TGTCAAGTGGTGGTG 4

RESULT 419  
US-08-875-573-10/c  
Sequence 10, Application US/08875573  
Patent No. 6150132  
GENERAL INFORMATION:  
APPLICANT: Wells, Timothy N.C.  
APPLICANT: Power, Christine A.  
TITLE OF INVENTION: A CHEMOKINE RECEPTOR ABLE TO BIND TO  
TITLE OF INVENTION: MCP-1, MIP-1 ALPHA AND/OR RANTES. IIS USES  
NUMBER OF SEQUENCES: 20  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NIXON & VANDERHYE P.C.  
STREET: 1100 No. 6150132th Glebe Rd. 8th floor  
CITY: Arlington  
STATE: VA  
COUNTRY: USA  
ZIP: 22201-4741

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,573  
FILING DATE: 31-OCT-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/GB96/00143  
FILING DATE: 24-JAN-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9501683.8  
FILING DATE: 27-JAN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Wilson, Mary J.  
REGISTRATION NUMBER: 32,955  
REFERENCE/DOCKET NUMBER: 1430-172  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-816-4000  
TELEFAX: 703-816-4100  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
ANTI-SENSE: YES  
US-08-875-573-10

Query Match 0.8%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 754 GAAGTGCTCCCTGCTCAA 770  
Db 19 GATGTACCTGCTCAA 3

RESULT 420  
US-08-687-421-390/c  
Sequence 390, Application US/08687421  
Patent No. 6177557  
GENERAL INFORMATION:  
APPLICANT: Gold, Larry  
APPLICANT: Janjic, Nebojsa  
APPLICANT: Tasset, Diane  
TITLE OF INVENTION: HIGH-AFFINITY LIGANDS OF BASIC  
TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR AND  
TITLE OF INVENTION: THROMBIN  
NUMBER OF SEQUENCES: 445  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Swanson & Bratschun, L.L.C.  
STREET: 8400 E. Prentice Avenue, Suite 200  
CITY: Englewood  
STATE: Colorado  
COUNTRY: USA  
ZIP: 80111

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage  
COMPUTER: IBM compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/687,421  
FILING DATE: 08-MAY-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/195,005  
FILING DATE: 10-FEBRUARY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE: 22-APRIL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/219,012  
FILING DATE: 28-MARCH-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/973,333  
FILING DATE: 11-NOVEMBER-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/714,131  
FILING DATE: 10-JUNE-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/536,428  
FILING DATE: 11-JUNE-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Barry J. Swanson  
REGISTRATION NUMBER: 33,215  
REFERENCE/DOCKET NUMBER: NEX07/PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (303) 793-3333  
TELEFAX: (303) 793-3433  
INFORMATION FOR SEQ ID NO: 390:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 21 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-687-421-390

Query Match 0.8%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 57.1%; Pred. No. 3.7e+02;  
Matches 12; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

Qy  
84 CCGGGCTCTGAGGTGCTCG 104  
| : | : | : | : | : | : |  
Db  
21 CYGGGCYTRAARYTCCTCG 1

RESULT 421

```

US-09-046-894-15
, Sequence 15, Application US/09046894
, Patent No. 6190857
, GENERAL INFORMATION:
, APPLICANT: Ralph, David
, APPLICANT: An, Gang
, APPLICANT: O'Hara, Mark S.
, APPLICANT: Veltri, Robert
, TITLE OF INVENTION: DIAGNOSIS OF DISEASE
, NUMBER OF SEQUENCES: 55
, CORRESPONDENCE ADDRESS:
, ADDRESS: Arnold, White & Durkee
, STREET: P.O. Box 4433
, CITY: Houston
, STATE: Texas
, COUNTRY: USA
, ZIP: 77210
, COMPUTER READABLE FORM:
, MEDIUM TYPE: Floppy disk
, OPERATING SYSTEM: PC-DOS/MS-DOS
, SOFTWARE: PatentIn Release #1.0,
, CURRENT APPLICATION DATA:
, APPLICATION NUMBER: US/09/046,894
, FILING DATE: Concurrently Herewith
, CLASSIFICATION:
, PRIOR APPLICATION DATA:
, APPLICATION NUMBER: US 60/041,576
, FILING DATE: 24-MAR-1997
, ATTORNEY/AGENT INFORMATION:
, NAME: Nakashima, Richard A.
, REGISTRATION NUMBER: P-42,023
, REFERENCE/DOCKET NUMBER: UROC:014
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: (512) 418-3000
, TELEFAX: (512) 474-7577
, INFORMATION FOR SEQ ID NO: 15:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 21 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
US-09-046-894-15

```

Query Match 0.8%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1461 CCTCAGTCTGGGGGAGC 1477  
Db 2 CCTCAGGCTGGGGCAGC 18

RESULT 422

```

RES001 122.
US-08-679-493A-128
? Sequence 128, Application US/08679493A
? Patent No. 6303295
? GENERAL INFORMATION:
? APPLICANT: Taylor, Ethan W.
? TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
? FILE REFERENCE: 55-95
? CURRENT APPLICATION NUMBER: US/08/679,493A
? CURRENT FILING DATE: 1996-07-12
? PRIOR APPLICATION NUMBER: 60/001203
? PRIOR FILING DATE: 1995-07-14

```

```

; PRIOR APPLICATION NUMBER: 60/003,112
;
; PRIOR FILING DATE: 1995-09-01
;
; NUMBER OF SEQ ID NOS: 216
;
; SOFTWARE: Patentin Ver. 2.0
;
; SEQ ID NO 128
;
; LENGTH: 21
;
; TYPE: RNA
;
; ORGANISM: Chimpanzee immunodeficient
US-08-679-493A-128

```

```
Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 70.6%; Pred. No. 3.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
```

```

QY      :      866 AGCAGTACCTGGATGAC 882
          ||||| : |||
DB      :      5 ACCAGUACAUGGAUGAC 21

```

RESULT 423

```

RES001 423
US-09-479-128-3/c
; Patent 3, Application US/09479128
; Patent No. 6319710
; GENERAL INFORMATION:
; APPLICANT: Bertling Ran Olafsdottir
; APPLICANT: Jeffrey Gulcher
; TITLE OF INVENTION: HUMAN NARCOLEPSY GENE
; FILE REFERENCE: 2345.1005-001
; CURRENT APPLICATION NUMBER: US/09/479,128
; CURRENT FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/379,083
; PRIOR FILING DATE: 1999-08-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: nucleic acid primers based on human mRNA sequence
; US-09-479-128-3

```

```

Query Match          0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

Qy 1480 ATCCACAACCTTCTGA 1496  
D'b 17 AGCCTCAAACTTCTGA 1

RESIT.T 424

```

US-09-616-761-1
US-09-616-761-1
Sequence 1, Application US/09616761
Patent NO. 6380377
GENERAL INFORMATION:
APPLICANT: Datta Gupta, Nanibhushan
TITLE OF INVENTION: Nucleic Acid Hairpin Probes and Uses
TITLE OF INVENTION: Thereof
FILE REFERENCE: 475412000400
CURRENT APPLICATION NUMBER: US/09/616,761
CURRENT FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 1
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Hairpin probe
US-09-616-761-1
Query Match
0.8%; Score 13.8; DB 1; Length 21;

```

Query Match 0.88; Score 13.8; DB 1; Length 21;

```
Best Local Similarity 88.2%; Pred. No. 3.7e+02; DB 1; Length 21;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTTCC 1693
Db 4 CCGTAACTACATCTTCC 20

RESULT 425
US-09-422-978-10380
; Sequence 10380, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10380
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21_bind
; OTHER INFORMATION: downstream amplification primer 99-11535 for SEQ 2515, in complem
US-09-422-978-10380

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1445 TGAACATCCATCTTCC 1461
Db 5 TGAACATCCATCTTCC 21

RESULT 426
US-09-422-978-11492
; Sequence 11492, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11492
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-8000 for SEQ 3627, in complem
```

```
US-09-422-978-11492

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 364 GAGAGTGACCGGCTTC 380
Db 2 GAGAGTTACTAGGCTTC 18

RESULT 427
US-09-823-634A-1
; Sequence 1, Application US/09823634A
; Patent No. 6596490
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR ANALYZING NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 47541-20006.00
; CURRENT APPLICATION NUMBER: US/09/823,634A
; CURRENT FILING DATE: 2002-02-28
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-823-634A-1

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTTCC 1693
Db 4 CCGTAACTACATCTTCC 20

RESULT 428
US-09-823-647B-1
; Sequence 1, Application US/09823647B
; Patent No. 6596490
; GENERAL INFORMATION:
; APPLICANT: Applied Gene Technologies, Inc.
; APPLICANT: Dattagupta, Nanibhushan
; TITLE OF INVENTION: NUCLEIC ACID HAIRPIN PROBES AND USES
; FILE REFERENCE: 47541-20004.20
; CURRENT APPLICATION NUMBER: US/09/823,647B
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 09/616,761
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-823-647B-1

Query Match 0.8%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1677 CCCCAACTACATCTTCC 1693
Db 4 CCGTAACTACATCTTCC 20
```

## RESULT 429

US-09-526-193A-171/c  
; Sequence 171, Application US/09526193A  
; Patent No. 6617122  
; GENERAL INFORMATION:  
; APPLICANT: Hayden, Michael R.  
; APPLICANT: Brooks-Wilson, Angela R.  
; APPLICANT: Pimstone, Simon N.  
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING  
; TITLE OF INVENTION: CHOLESTEROL LEVELS  
; FILE REFERENCE: 50110/002005  
; CURRENT APPLICATION NUMBER: US/09/526,193A  
; CURRENT FILING DATE: 2000-03-15  
; PRIOR FILING DATE: 1999-03-15  
; PRIOR APPLICATION NUMBER: 60/138,048  
; PRIOR FILING DATE: 1999-06-08  
; PRIOR APPLICATION NUMBER: 60/139,600  
; PRIOR FILING DATE: 1999-06-17  
; PRIOR APPLICATION NUMBER: 60/151,977  
; PRIOR FILING DATE: 1999-09-01  
; NUMBER OF SEQ ID NOS: 287  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 171  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-526-193A-171

Query Match 0.8%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 375 GGCTTCAGCCAGCTCT 391  
DB 17 GGCTTCAGCCAGCTCT 1

## RESULT 430

US-09-743-871B-21/c  
; Sequence 21, Application US/09743871B  
; Patent No. 6627734  
; GENERAL INFORMATION:  
; APPLICANT: Memorial Sloan-Kettering Cancer Center  
; TITLE OF INVENTION: IDENTIFICATION AND EXPRESSION OF MULTIPLE SPLICE VARIANTS OF MOUS  
; TITLE OF INVENTION: KAPPA3-RELATED OPIOID RECEPTOR (KOR-3) GENE  
; FILE REFERENCE: 830002-2001.1  
; CURRENT APPLICATION NUMBER: US/09/743,871B  
; CURRENT FILING DATE: 2001-01-16  
; PRIOR FILING DATE: 1997-07-15  
; PRIOR APPLICATION NUMBER: 60/093,002  
; PRIOR FILING DATE: 1996-07-16  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 21  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Mouse  
US-09-743-871B-21

Query Match 0.8%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 681 CACAGACACCTCTTGG 697  
DB 18 CACAGACACCTCTTGG 2

## RESULT 431

US-09-743-871B-25/c  
; Sequence 25, Application US/09743871B  
; Patent No. 6627734  
; GENERAL INFORMATION:  
; APPLICANT: Memorial Sloan-Kettering Cancer Center  
; TITLE OF INVENTION: IDENTIFICATION AND EXPRESSION OF MULTIPLE SPLICE VARIANTS OF M  
; TITLE OF INVENTION: KAPPA3-RELATED OPIOID RECEPTOR (KOR-3) GENE  
; FILE REFERENCE: 830002-2001.1  
; CURRENT APPLICATION NUMBER: US/09/743,871B  
; CURRENT FILING DATE: 2001-01-16  
; PRIOR FILING DATE: 1997-07-15  
; PRIOR APPLICATION NUMBER: 60/093,002  
; PRIOR FILING DATE: 1996-07-16  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 25  
; LENGTH: 21  
; TYPE: DNA  
; ORGANISM: Mouse  
US-09-743-871B-25

Query Match 0.8%; Score 13.8; DB 1; Length 21;  
Best Local Similarity 88.2%; Pred. No. 3.7e+02;  
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 681 CACAGACACCTCTTGG 697  
DB 18 CACAGACACCTCTTGG 2

## RESULT 432

US-07-972-791-24/c  
; Sequence 24, Application US/07972791  
; Patent No. 5348857  
; GENERAL INFORMATION:  
; APPLICANT: Ficht, Thomas A.  
; APPLICANT: Sowa, Blair A.  
; APPLICANT: Adams, L. Gary  
; TITLE OF INVENTION: NOVEL PROBES AND METHOD FOR IDENTIFYING  
; TITLE OF INVENTION: SPECIES AND BIOVARS OF BRUCELLA  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: PRAVEL, GAMBRELL, HEWITT, & KRIEGER  
; STREET: 1177 West Loop South, 10th Floor  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 77027  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/972,791  
; FILING DATE: 19921106  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kettelberger, Denise M.  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 713-850-0909  
; TELEFAX: 713-850-0165  
; TELEX: 792026  
; INFORMATION FOR SEQ ID NO: 24:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
US-07-972-791-24



```
;
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0094
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-250-856A-11

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 1186 ATGGCTCCAGGCGCTCCCT 1205
Db 20 ATGGCTCCAGGCGCTTCACT 1

RESULT 436
US-08-007-997A-15/c
; Sequence 15, Application US/08007997A
; Patent No. 5591623
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: Of Cell Adhesion
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5591623ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/007,997A
; FILING DATE: 19930121
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0709
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-250-856A-11

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 1186 ATGGCTCCAGGCGCTCCCT 1205
Db 20 ATGGCTCCAGGCGCTTCACT 1

RESULT 437
US-08-333-977-10/c
; Sequence 10, Application US/08333977
; Patent No. 5594108
; GENERAL INFORMATION:
; APPLICANT: Van Tol, Hubert H.M.
; APPLICANT: Civeilli, Olivier
; TITLE OF INVENTION: A No. 5594108el Human Dopamine Receptor and Uses
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Drive, Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/333,977
; FILING DATE: 03-NOV-1994
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/626,618
; FILING DATE: 7 DEC 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5594108nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 90,1092
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312-715-1000
; TELEFAX: 312-715-1234
; TELEX: 810-221-8317
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-333-977-10

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Cy 241 GGCGGCGAGTGCCTGGAGA 260
Db 20 GGCGGCGAGGACCCCGGGA 1

RESULT 438
US-08-474-177-29/c
; Sequence 29, Application US/08474177
```

Patent No. 5624819  
; GENERAL INFORMATION:  
; APPLICANT: Skolnick, Mark H.  
; APPLICANT: Cannon-Albright, Lisa A.  
; APPLICANT: Kamb, Alexander  
; TITLE OF INVENTION: GERMLINE MUTATIONS IN THE MTS GENE  
; NUMBER OF SEQUENCES: 36  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
; STREET: 1201 New York Avenue, Suite 1000  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/474,177  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION NUMBER: PCT/US95/03537  
; FILING DATE: 17-MAR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/251,938  
; FILING DATE: 01-JUN-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/215,087  
; FILING DATE: 18-MAR-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/215,086  
; FILING DATE: 18-MAR-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/227,369  
; FILING DATE: 14-APR-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/214,582  
; FILING DATE: 18-MAR-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ihnen, Jeffrey L.  
; REGISTRATION NUMBER: 28,957  
; REFERENCE/DOCKET NUMBER: 24884-109348-E  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-962-4810  
; TELEFAX: 202-962-8300  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
US-08-474-177-29  
Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 505 GAGGGCTACTGAGAGCT 524  
DB 20 GAAGGCTTCTGGACGCT 1  
RESULT 439  
US-08-487-141B-83/c  
; Sequence 83, Application US/08/487141B  
; Patent No. 5683987  
; GENERAL INFORMATION:  
; APPLICANT: Smith, Larry J.

; TITLE OF INVENTION: Therapeutic Oligonucleotides  
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes  
; NUMBER OF SEQUENCES: 114  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
; STREET: 1601 Market Street Suite 720  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103-2307  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,141B  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/379,180  
; FILING DATE: 12-JUL-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hagan, Patrick J.  
; REGISTRATION NUMBER: 27,643  
; REFERENCE/DOCKET NUMBER: 63082C  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215)563-4100  
; TELEFAX: (215)563-4044  
; INFORMATION FOR SEQ ID NO: 83:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: not relevant  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-487-141B-83  
Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 733 GCACCTGCACCGCATCCG 752  
DB 20 GCAGCAGCCACCGCATCCG 1  
RESULT 440  
US-08-462-305-21/c  
; Sequence 21, Application US/08/462305  
; Patent No. 5696248  
; GENERAL INFORMATION:  
; APPLICANT: Peyman, Anuschirwan  
; APPLICANT: Uhlmann, Eugen  
; APPLICANT: Carolus, Carolin  
; TITLE OF INVENTION: 3'-Modified Oligonucleotide Derivatives  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hoechst Marion Roussel, Inc.  
; STREET: 2110 E. Galbraith Road, P.O. Box 156300  
; CITY: Cincinnati  
; STATE: Ohio  
; COUNTRY: USA  
; ZIP: 45215-6300  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/462,305

FILING DATE: 05-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Payne, T. Helen  
REGISTRATION NUMBER: 36,889  
REFERENCE/DOCKET NUMBER: HOE94/F161K US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 513-948-7183  
TELEFAX: 513-948-7960 or 4681  
TELEX: 214320  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-462-305-21

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGGTGGTGGCGG 245  
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 441  
US-08-487-033-29/c  
Sequence 29, Application US/08487033  
Patent No. 5739027  
GENERAL INFORMATION:  
APPLICANT: Kamb, Alexander  
TITLE OF INVENTION: MTS1-Beta GENE  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,033  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/03316  
FILING DATE: 17-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/251,938  
FILING DATE: 01-JUN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/215,087  
FILING DATE: 18-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/215,086  
FILING DATE: 18-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/227,369  
FILING DATE: 14-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/214,582  
FILING DATE: 18-MAR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957

REFERENCE/DOCKET NUMBER: 24884-109348-C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
HYPOTHETICAL: NO  
US-08-487-033-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 505 GAGGGCTACTGGAGAGCT 524  
Db 20 GAAGGCTCTCGACACGCT 1

RESULT 442  
US-08-480-810-29/c  
Sequence 29, Application US/08480810  
Patent No. 5801236  
GENERAL INFORMATION:  
APPLICANT: Kamb, Alexander  
TITLE OF INVENTION: MTS1 GENE  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,810  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/03316  
FILING DATE: 17-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/251,938  
FILING DATE: 01-JUN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/215,087  
FILING DATE: 18-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/215,086  
FILING DATE: 18-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/227,369  
FILING DATE: 14-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/214,582  
FILING DATE: 18-MAR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109348  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-962-4810  
TELEFAX: 202-962-8300  
INFORMATION FOR SEQ ID NO: 29:



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; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
US-08-480-810-29

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 505 GAGGGCTACTCGAGAGCT 524
   |||||
Db 20 GAAGGCTTCTCGACAGCT 1

RESULT 443
US-08-578-590-14
; Sequence 14, Application US/08578590
; Patent No. 5817499
; GENERAL INFORMATION:
; APPLICANT: Daiboge, Henrik
; APPLICANT: Christgau, Stephan
; APPLICANT: Andersen, Lene N.
; APPLICANT: Kofod, Lene V.
; APPLICANT: Kauppinen, Markus S.
; TITLE OF INVENTION: DNA ENCODING AN ENZYME WITH ENDOGLUCANASE
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 5817499o No. 5817499disk of No. 5817499th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,590
; FILING DATE: 03-JAN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Lambiris, Elias J.
; REGISTRATION NUMBER: 33,728
; REFERENCE/DOCKET NUMBER: 4015.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-578-590-14

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1298 ACGAGGAGTTCAGACATAC 1317
   |||||
Db 1 ACCAGGAGCTCGAGACTTAC 20

RESULT 444
US-08-440-740A-15/c

; SEQUENCE 15, Application US/08440740A
; Patent No. 5843738
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/440,740A
; FILING DATE: May 12, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-440-740A-15

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
   |||||
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 445
US-08-508-735-29/c
; Sequence 29, Application US/08508735
; Patent No. 5843756
; GENERAL INFORMATION:
; APPLICANT: Stone, Steven
; APPLICANT: Jiang, Ping
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS GENE AND THERAPEUTIC USE THEREOF
; NUMBER OF SEQUENCES: 47
```

```
/
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
/ STREET: 1201 New York Avenue, Suite 1000
/ CITY: Washington
/ STATE: DC
/ COUNTRY: USA
/ ZIP: 20005
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/508,735
/ FILING DATE:
/ CLASSIFICATION: 435
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US to be assigned
/ FILING DATE: 07-JUN-1995
/
/ PRIOR APPLICATION DATA: PCT/US95/03316
/ APPLICATION NUMBER: 17-MAR-1995
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Ihnen, Jeffrey L.
/ REGISTRATION NUMBER: 28,957
/ REFERENCE/DOCKET NUMBER: 24884-109348
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 202-962-4848
/ TELEFAX: 202-962-8300
/ INFORMATION FOR SEQ ID NO: 29:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/
/ US-08-508-735-23
/
/ Query Match 0.8%; Score 13.6; DB 1; Length 20;
/ Best Local Similarity 80.0%; Pred. No. 3.8e+02;
/ Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
/
/ QY 505 GAGGCTACCTGGAGAGCT 524
/ Db 20 GAAGGCTTCCTGGACAGCT 1
/
/ RESULT 446
/ US-08-568-459A-24
/ Sequence 24, Application US/08568459A
/ Patent No. 5849306
/ GENERAL INFORMATION:
/ APPLICANT: Sim, Kim L.
/ APPLICANT: Chitnis, Chetan
/ APPLICANT: Miller, Louis H.
/ APPLICANT: Peterson, David S.
/ APPLICANT: Su, Xin-zhaun
/ APPLICANT: Wellens, Thomas E.
/ TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
/ AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
/ NUMBER OF SEQUENCES: 37
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Knobbe Martens Olson & Bear
/ STREET: 620 Newport Center Drive 16th Floor
/ CITY: Newport Beach
/ STATE: California
/ COUNTRY: US
/ ZIP: 92660
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/
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/
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/568,459A
/ FILING DATE: 07-DEC-1995
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Israelsen, Ned
/ REGISTRATION NUMBER: 29,655
/ REFERENCE/DOCKET NUMBER: NIH121.001CP1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (619) 235-8550
/ TELEFAX: (619) 235-0176
/ INFORMATION FOR SEQ ID NO: 24:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: cDNA
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ FRAGMENT TYPE:
/ ORIGINAL SOURCE:
/ US-08-568-459A-24
/
/ Query Match 0.8%; Score 13.6; DB 1; Length 20;
/ Best Local Similarity 55.6%; Pred. No. 3.8e+02;
/ Matches 10; Conservative 7; Mismatches 1; Indels 0; Gaps 0;
/
/ QY 1630 CCACGAGCAGCGGCTG 1647
/ Db 1 CCSMGSGCAGCAGYTS 18
/
/ RESULT 447
/ US-08-117-952-744/C
/ Sequence 744, Application US/08117952
/ Patent No. 5851760
/ GENERAL INFORMATION:
/ APPLICANT: Evans, Glen A.
/ APPLICANT: Smith, Michael W.
/ TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
/ TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
/ NUMBER OF SEQUENCES: 797
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
/ STREET: 444 South Flower Street, Suite 2000
/ CITY: Los Angeles
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 90071
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/117,952
/ FILING DATE: 07-SEP-1993
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/078,471
/ FILING DATE: 15-JUN-1993
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Reiter, Stephen B.
/ REGISTRATION NUMBER: 31,192
/ REFERENCE/DOCKET NUMBER: P41 9423
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 619-546-4737
/ TELEFAX: 619-546-9392
/ INFORMATION FOR SEQ ID NO: 744:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/
```

```
;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-744

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGGCGGCACT 249
Db 20 GAGGTGGTGGTGTCCAGGACT 1

RESULT 448
US-08-808-474A-12/c
; Sequence 12, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDL:001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (214) 740-8800
; TELEFAX: (214) 740-8800
; INFORMATION FOR SEQ ID NO: 37
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-808-474A-15

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGGAAGTGTGGGGG 1

RESULT 449
US-08-808-474A-15/c
; Sequence 15, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDL:001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (214) 740-8800
; TELEFAX: (214) 740-8800
; INFORMATION FOR SEQ ID NO: 12
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-808-474A-12

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGGAAGTGTGGGGG 1

RESULT 449
US-08-808-474A-15/c
; Sequence 15, Application US/08808474A
; Patent No. 5856103
; GENERAL INFORMATION:
; APPLICANT: Gray, Donald M.
; APPLICANT: Clark, Chris L.
```

```
;
; TITLE OF INVENTION: METHOD FOR SELECTIVELY RANKING SEQUENCES
; TITLE OF INVENTION: FOR ANTISENSE TARGETING
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Locke Purnell Rain Harrell
; STREET: 2200 Ross Avenue, Suite 2200
; CITY: Dallas
; STATE: Texas
; COUNTRY: USA
; ZIP: 75201-6776
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/808,474A
; FILING DATE: 03-MAR-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mayfield, Denise L.
; REGISTRATION NUMBER: 33,732
; REFERENCE/DOCKET NUMBER: UTDL:001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (214) 740-8800
; TELEFAX: (214) 740-8800
; INFORMATION FOR SEQ ID NO: 15
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-808-474A-15

Query Match          0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGGAAGTGTGGGGG 1

RESULT 450
US-08-613-417A-21/c
; Sequence 21, Application US/08613417A
; Patent No. 5874553
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Phosphonomonoester nucleic acids,
; TITLE OF INVENTION: process for their preparation, and their use
; NUMBER OF SEQUENCES: 33
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/613,417A
; FILING DATE:
; CLASSIFICATION: 514
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ANTI-SENSE: yes
; FEATURE:
; NAME/KEY: exon
; LOCATION: 1..20
US-08-613-417A-21
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Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGGTGGTGGCGG 245  
Db 20 GAGAGCGGAGTGGTGGGG 1

## RESULT 451

US-08-927-561-83/c  
; Sequence 83, Application US/08927561  
; Patent No. 5874567  
; GENERAL INFORMATION:  
; APPLICANT: Smith, Larry J.  
; TITLE OF INVENTION: Therapeutic Oligonucleotides  
; TITLE OF INVENTION: Targeting the Human MDR1 and MRP Genes  
; NUMBER OF SEQUENCES: 114  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
; STREET: 1601 Market Street Suite 720  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103-2307  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/927,561  
; FILING DATE: 08-SEPT-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/487,141  
; FILING DATE: 05-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Rigaut, Kathleen D.  
; REGISTRATION NUMBER: P43,047  
; REFERENCE/DOCKET NUMBER: 63082C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215)563-4100  
; TELEFAX: (215)563-4044  
; INFORMATION FOR SEQ ID NO: 83:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: not relevant  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-927-561-83

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 733 GCACCCCTGCACCGCATCCG 752  
Db 20 GCAGCAGCCACCGCATCCG 1

## RESULT 452

US-08-875-154-22  
; Sequence 22, Application US/08875154  
; Patent No. 5882888  
; GENERAL INFORMATION:  
; APPLICANT: Joergensen, Streen Troels  
; TITLE OF INVENTION: DNA Integration By Transporation  
; NUMBER OF SEQUENCES: 38  
; CORRESPONDENCE ADDRESS:

ADDRESSEE: No. 5882888o No. 5882888disk of No. 5882888th America, Inc.  
STREET: 405 Lexington Avenue  
CITY: New York  
STATE: NY  
COUNTRY: USA  
ZIP: 10174  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/875,154  
FILING DATE: 17-JUL-1997  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Lambiris, Elias J  
REGISTRATION NUMBER: 33,728  
REFERENCE/DOCKET NUMBER: 4381.204-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-867-0123  
TELEFAX: 212-878-9655  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "LMNS067"  
US-08-875-154-22

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 990 CCAGAACCTGCTCATCAAG 1009  
Db 1 CCAGAACCTGCTCAATCCAG 20

## RESULT 453

US-08-344-155C-15/c  
; Sequence 15, Application US/08344155C  
; Patent No. 5883082  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Stepkowski  
; TITLE OF INVENTION: Compositions and Methods for Preventing  
; TITLE OF INVENTION: and Treating Allograft Rejection  
; NUMBER OF SEQUENCES: 99  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodland Falls Corporate Park  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/344,155C  
FILING DATE: No. 5883082ember 23, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/05209  
FILING DATE: July 23, 1991  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/063,167  
FILING DATE: 5/17/93  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/007,997  
FILING DATE: 1/21/93  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/939,855  
FILING DATE: 9/2/92  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/567,286  
FILING DATE: 8/14/90  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0098  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-344-155C-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245  
Db 20 GAGAGGGGAAGTGGTGGGG 1

## RESULT 454

US-08-756-806A-11/c  
Sequence 11, Application US/08756806A  
Patent No. 5952229  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P. and Boggs, Russell T.  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation  
TITLE OF INVENTION: of raf Gene Expression  
NUMBER OF SEQUENCES: 65  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/756,806A  
FILING DATE: No. 5952229 September 26, 1996  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/07111  
FILING DATE: May 31, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/250,856  
FILING DATE: May 31, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0200  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400

TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-756-806A-11

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1186 ATGGCCACAGGCGTCCCT 1205  
Db 20 ATGGCTCCAGGCGCTTCACT 1

## RESULT 455

US-08-837-201C-20/c  
Sequence 20, Application US/08837201C  
Patent No. 5985558  
GENERAL INFORMATION:  
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
APPLICANT: Miraglia, Brenda F. Baker  
TITLE OF INVENTION: Antisense Oligonucleotide  
TITLE OF INVENTION: Compositions and Methods for the Modulation of  
TITLE OF INVENTION: Activating Protein 1  
NUMBER OF SEQUENCES: 139  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: WINDOWS 95  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/837,201C  
FILING DATE: April 14, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0209  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-837-201C-20

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 725 AAGAGGGGACCCCTGCACC 744  
Db 20 AAGGGAGGAGCGCGGACC 1

RESULT 456  
US-08-848-251-29/c  
; Sequence 29, Application US/08848251  
; Patent No. 5983815  
; GENERAL INFORMATION:  
; APPLICANT: Skolnick, Mark H.  
; APPLICANT: Cannon-Albright, Lisa A.  
; APPLICANT: Kamb, Alexander  
; TITLE OF INVENTION: GERMLINE MUTATIONS IN THE MTS GENE AND  
; TITLE OF INVENTION: METHOD FOR DETECTING PREDISPOSITION TO CANCER AT THE MTS  
; TITLE OF INVENTION: GENE  
; NUMBER OF SEQUENCES: 36  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
; STREET: 1201 New York Avenue, Suite 1000  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/848,251  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/474,083  
; FILING DATE: 07-JUN-1995  
; APPLICATION NUMBER: PCT/US95/03537  
; FILING DATE: 17-MAR-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/251,938  
; FILING DATE: 01-JUN-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/215,087  
; FILING DATE: 18-MAR-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/215,086  
; FILING DATE: 18-MAR-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/227,369  
; FILING DATE: 14-APR-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/214,582  
; FILING DATE: 18-MAR-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ihnen, Jeffrey L.  
; REGISTRATION NUMBER: 28,957  
; REFERENCE/DOCKET NUMBER: 24884-109348-G  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-962-4810  
; TELEFAX: 202-962-8300  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; HYPOTHETICAL: NO  
US-08-848-251-29  
Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 505 GAGGCTACCTGGAGACCT 524  
DB 20 GAAGGCTTCCTGGACACCT 1

RESULT 457  
US-08-487-826B-36  
; Sequence 36, Application US/08487826B  
; Patent No. 5993827  
; GENERAL INFORMATION:  
; APPLICANT: Sim, Kim L.  
; APPLICANT: Chitnis, Chetan  
; APPLICANT: Miller, Louis H.  
; APPLICANT: Peterson, David S.  
; APPLICANT: Su, Kin-zhaun  
; APPLICANT: Wellens, Thomas E.  
; TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX  
; TITLE OF INVENTION: AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS  
; NUMBER OF SEQUENCES: 45  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Knobbe Martens Olson & Bear  
; STREET: 620 Newport Center Drive 16th Floor  
; CITY: Newport Beach  
; STATE: California  
; COUNTRY: US  
; ZIP: 92660  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,826B  
; FILING DATE: 10-SEP-1993  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Israelsen, Ned  
; REGISTRATION NUMBER: 29,655  
; REFERENCE/DOCKET NUMBER: NIH121.001CPI  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 235-8550  
; TELEFAX: (619) 235-0176  
; INFORMATION FOR SEQ ID NO: 36:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
US-08-487-826B-36  
Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 55.6%; Pred. No. 3.8e+02;  
Matches 10; Conservative 7; Mismatches 1; Indels 0; Gaps 0;  
QY 1630 CCACGACGCGCGCTG 1647  
DB 1 CCAGGCGCGCGCTG 18  
RESULT 458  
US-08-486-047-29/c  
; Sequence 29, Application US/08486047  
; Patent No. 5994095  
; GENERAL INFORMATION:  
; APPLICANT: Kamb, Alexander  
; TITLE OF INVENTION: MTS2 GENE  
; NUMBER OF SEQUENCES: 36  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
; STREET: 1201 New York Avenue, Suite 1000  
; CITY: Washington

```

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/594,452
FILING DATE: 31-JAN-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 195 02 912.7
FILING DATE: 31-JAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: SANDERCOCK, Colin G.
REGISTRATION NUMBER: 31,298
REFERENCE/DOCKET NUMBER: 18748/264/HOCE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)672-5300
TELEFAX: (202)672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-594-452-21

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. NO. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels

QY 226 GAGAGTGGTGGTGGTGGCG 245
      ||||| ||||| ||||| |||||
DB 20 GAGAGGGGAGTGGTGGGG 1

RESULT 460
US-08-982-845B-15/c
; Sequence 15, Application US/08982845B
; Patent No. 6015894
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESS: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/982,845B
; FILING DATE: December 2, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 21, 1993

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0243
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-982-845B-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 461
US-08-578-686C-20/c
; Sequence 20, Application US/08578686C
; Patent No. 6028182
; GENERAL INFORMATION:
; APPLICANT: Uhlmann, Eugen
; TITLE OF INVENTION: Methylphosphonic Acid Ester, Process For
; TITLE OF INVENTION: Preparing the Same And its Use
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
; ADDRESSEE: Dunner, L.L.P.
; STREET: 1300 I. Street, N.W., Suite 700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/578,686C
; FILING DATE: January 2, 1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Johnson, Lori-Ann
; REGISTRATION NUMBER: 34,498
; REFERENCE/DOCKET NUMBER: 2481.1481-00000.
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-578-686C-20

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 226 GAGAGTGGTGGTGGCGG 245
Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 462
US-09-120-130-29/c
; Sequence 29, Application US/09120130
; Patent No. 6037462
; GENERAL INFORMATION:
; APPLICANT: Kamb, Alexander
; TITLE OF INVENTION: MTS1 GENE
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
; STREET: 1201 New York Avenue, Suite 1000
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/120,130
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/480,810
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/251,938
; FILING DATE: 01-JUN-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,087
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/215,086
; FILING DATE: 18-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,369
; FILING DATE: 14-APR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/214,582
; FILING DATE: 18-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24884-109348
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; US-09-120-130-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 505 GAGGCTACCTGGAGAAGCT 524
```



Db 20 GAAGGCTTCTGGACGCT 1

RESULT 463

US-08-951-923-33/c

Sequence 33, Application US/08951923

Patent No. 6048693

GENERAL INFORMATION:

APPLICANT: Bitter, Grant

TITLE OF INVENTION: PHENOTYPIC ASSAYS OF CYCLIN/CYCLIN-DEPENDENT KINASE

TITLE OF INVENTION: FUNCTION

NUMBER OF SEQUENCES: 57

CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooley Godward LLP

STREET: 5 Palo Alto Square, 3000 El Camino Real

CITY: Palo Alto

STATE: CA

COUNTRY: US

ZIP: 94306-2155

COMPUTER READABLE FORM: disk

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/951,923

FILING DATE: October 16, 1997

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Neeley, Richard L.

REGISTRATION NUMBER: 30,092

REFERENCE/DOCKET NUMBER: BITT-001/02US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650 843-5000

TELEFAX: 650 857-0563

TELEX: 380816CCOLEVPA

INFORMATION FOR SEQ ID NO: 33:

SEQUENCE CHARACTERISTICS:

LENGTH: 20

TYPE: nucleic acid

STRANDEDNESS: single stranded

TOPOLOGY: linear

MOLECULE TYPE: DNA

HYPOTHEICAL: NO

ANTI-SENSE: NO

US-08-951-923-33

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 3.8e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1031 CTGACTTGGCTGGCCGCA 1050

Db 20 CAGACTTGGACTAGCCAGA 1

RESULT 464

US-09-115-252-29/c

Sequence 29, Application US/09115252

Patent No. 6060301

GENERAL INFORMATION:

APPLICANT: Kamb, Alexander

TITLE OF INVENTION: MTS1 GENE

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP

STREET: 1201 New York Avenue, Suite 1000

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/094,405

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/480,810

FILING DATE: 07-JUN-1995

APPLICATION NUMBER: PCT/US95/03316

FILING DATE: 17-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/251,938

FILING DATE: 01-JUN-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/215,087

FILING DATE: 18-MAR-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/215,086

FILING DATE: 18-MAR-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/227,369

FILING DATE: 14-APR-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/214,582

FILING DATE: 18-MAR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Ihnen, Jeffrey L.

REGISTRATION NUMBER: 28,957

REFERENCE/DOCKET NUMBER: 24884-109348

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-962-4810

TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHEICAL: NO

US-09-115-252-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 3.8e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 505 GAGGGCTACTGGAGAGCT 524

Db 20 GAAGGCTTCTGGACGCT 1

RESULT 465

US-09-094-405-25/c

Sequence 25, Application US/09094405

Patent No. 6066720

GENERAL INFORMATION:

APPLICANT:

TITLE OF INVENTION: Modified oligonucleotides, their preparation

TITLE OF INVENTION: and use

NUMBER OF SEQUENCES: 30

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/094,405

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:



Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1186 ATGGCCACAGCGGTCCCT 1205  
|||||  
Db 20 ATGGCTCCAGGCTTCACCT 1

RESULT 468  
US-08-991-525B-15/c  
; Sequence 15, Application US/08991525B  
; Patent No. 6093811  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 87  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: Windows 95  
; SOFTWARE: WORDPERFECT 6.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/991,525B  
; FILING DATE: December 16, 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 440,740  
; FILING DATE: May 12, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 063,167  
; FILING DATE: May 17, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 969,151  
; FILING DATE: February 10, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 007,997  
; FILING DATE: January 21, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; APPLICATION NUMBER: 567,286  
; FILING DATE: August 14, 1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0247  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (856) 810-1515  
; TELEFAX: (856) 810-1454  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-08-991-525B-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245  
|||||

Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 469  
US-09-085-759-15/c  
; Sequence 15, Application US/09085759  
; Patent No. 6096722  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett, Christopher Mirabelli,  
; APPLICANT: Brenda Baker  
; TITLE OF INVENTION: Antisense Modulation of Cell Adhesion  
; TITLE OF INVENTION: Molecule Expression and Treatment of Cell Adhesion  
; TITLE OF INVENTION: Molecule-Associated Diseases  
; NUMBER OF SEQUENCES: 109  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/085,759  
; FILING DATE: herewith  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/440,740  
; FILING DATE: May 12, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 063,167  
; FILING DATE: May 17, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 969,151  
; FILING DATE: February 10, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 007,997  
; FILING DATE: January 20, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 939,855  
; FILING DATE: September 2, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 567,286  
; FILING DATE: August 14, 1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0311  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
US-09-085-759-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245  
|||||

Db 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 470  
US-09-358-685-31/c  
; Sequence 31, Application US/09358685  
; Patent No. 6121047  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHP-1 EXPRESSION  
; FILE REFERENCE: RFS-0081  
; CURRENT APPLICATION NUMBER: US/09/358,685  
; CURRENT FILING DATE: 1999-07-21  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 31  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-358-685-31

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 210 GCAGATAGGCTGTGATGAGA 229  
Db 20 GCTGCTAGGCTGTGATGAGA 1

RESULT 471  
US-09-258-408-21/c  
; Sequence 21, Application US/09258408  
; Patent No. 6121434  
; GENERAL INFORMATION:  
; APPLICANT: PEYMAN, Anuschirwan  
; APPLICANT: UHLMANN, Eugen  
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES  
; NUMBER OF SEQUENCES: 105  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/258,408  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/594,452  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: SANDERCOCK, Colin G.  
; REGISTRATION NUMBER: 31,298  
; REFERENCE/DOCKET NUMBER: 18748/264/HOCE  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 672-5300  
; TELEFAX: (202) 672-5399  
; TELEX: 904136  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-258-408-21

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 226 GAGAGTGGTGGTGGCGG 245  
Db 20 GAGAGGGGAAGTGGTGGGGG 1

RESULT 472  
US-09-196-132-21/c  
; Sequence 21, Application US/09196132  
; Patent No. 6127346  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: Phosphonomonoester nucleic acids,  
; TITLE OF INVENTION: process for their preparation, and their use  
; NUMBER OF SEQUENCES: 33  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/196,132  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/613,417  
; FILING DATE:  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; ANTI-SENSE: yes  
; FEATURE:  
; NAME/KEY: exon  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/196,132  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/613,417  
; FILING DATE:  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; ANTI-SENSE: yes  
; FEATURE:  
; NAME/KEY: exon  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
US-09-196-132-21

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 226 GAGAGTGGTGGTGGCGG 245  
Db 20 GAGAGGGGAAGTGGTGGGGG 1

RESULT 473  
US-08-666-221B-30  
; Sequence 30, Application US/08666221B  
; Patent No. 6136544  
; GENERAL INFORMATION:  
; APPLICANT: Kamboj, Rajender  
; APPLICANT: Nutt, Stephen  
; TITLE OF INVENTION: GLUTAMATE RECEPTOR (OR EAA RECEPTOR)  
; TITLE OF INVENTION: POLYNUCLEOTIDES AND THEIR USES  
; NUMBER OF SEQUENCES: 32  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
US-08-666-221B-30

SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/666,221B  
FILING DATE: 20-JUN-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Bent, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 016777/0308  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-08-666-221B-30

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1211 CGGGCTCCAGGTGGAGGAA 1230  
| | | | | | | | | | | | | | | | | | | | | |  
Db 1 CTGGCTCCGAGGTGGGAA 20

RESULT 474  
US-09-286-904-75/c  
Sequence 75, Application US/09286904A  
Patent No. 6140124  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P.  
APPLICANT: Gaarde, William A.  
APPLICANT: Nero, Pamela S.  
APPLICANT: McKay, Robert  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen  
FILE REFERENCE: ISPH-0347  
CURRENT APPLICATION NUMBER: US/09/286,904A  
CURRENT FILING DATE: 1999-04-06  
NUMBER OF SEQ ID NOS: 95  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 75  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: antisense sequence  
US-09-286-904-75

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1153 GACATGGGGGTGGGCTG 1172  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 GACATCTGCTGTGGGCTG 1

RESULT 475  
US-09-418-640-41/c  
Sequence 41, Application US/09418640  
Patent No. 6140125  
GENERAL INFORMATION:

APPLICANT: Jennifer K. Taylor  
APPLICANT: Lex M. Cowseit  
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL-6 EXPRESSION  
FILE REFERENCE: RTS-0102  
CURRENT APPLICATION NUMBER: US/09/418,640  
CURRENT FILING DATE: 1999-10-15  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 41  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-418-640-41

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 494 TCCGGCTCCTGAGGGCTAC 513  
| | | | | | | | | | | | | | | | | | | | | |  
Db 20 TCCGGATCCTGTGGCCAAC 1

RESULT 476  
US-09-120-128-29/c  
Sequence 29, Application US/09120128  
Patent No. 6140473  
GENERAL INFORMATION:  
APPLICANT: Kamb, Alexander  
TITLE OF INVENTION: MTS2 GENE  
NUMBER OF SEQUENCES: 36  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/120,128  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/486,047  
FILING DATE: 07-JUN-1995  
APPLICATION NUMBER: PCT/US95/03316  
FILING DATE: 17-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/251,938  
FILING DATE: 01-JUN-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/215,087  
FILING DATE: 18-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/215,086  
FILING DATE: 18-MAR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/227,369  
FILING DATE: 14-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/214,582  
FILING DATE: 18-MAR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihnen, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24884-109348-B  
TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; US-09-120-128-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 505 GAGGCTTCTGACACGCT 524
Db 20 GAAGGCTTCTGACACGCT 1

RESULT 477
US-09-144-112-20/c
; Sequence 20, Application US/09144112
; Patent No. 6150510
; GENERAL INFORMATION:
; APPLICANT: SEELA, Frank
; APPLICANT: THOMAS, Horst
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES, THEIR PREPARATION AND THEIR
; FILE REFERENCE: 026083/0181
; CURRENT APPLICATION NUMBER: US/09/144,112
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: DE P 44 38 918.3
; PRIOR FILING DATE: 1994-11-04
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Antisense
; OTHER INFORMATION: Oligonucleotide
; US-09-144-112-20

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 CAGAGTGTGTGTGTGGCGG 245
Db 20 CAGAGGGGAAGTGTGTGGGG 1

RESULT 478
US-09-428-696-46/c
; Sequence 46, Application US/09428696
; Patent No. 6165789
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
; FILE REFERENCE: RTS-0111
; CURRENT APPLICATION NUMBER: US/09/428,696
; CURRENT FILING DATE: 1999-10-27
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

```

US-09-428-696-46

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 231 TGGTGTGTGTGGCGCAGTG 250  
Db 20 TGGTGTGTGTGTGGCGGAGTG 1

RESULT 479

US-09-128-496-15/c  
; Sequence 15, Application US/09128496  
; Patent No. 6169079  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion  
; NUMBER OF SEQUENCES: 85  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/128,496  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/440,740  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 969,151  
; FILING DATE: February 10, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 007,997  
; FILING DATE: January 20, 1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 567,286  
; FILING DATE: August 14, 1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0133  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-09-128-496-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 CAGAGTGTGTGTGTGGCGG 245  
|||||

Db 20 GAGAGGGGAAGTGTGGGGG 1

RESULT 480

US-09-120-129-29/c

; Sequence 29, Application US/09120129

; Patent No. 6180776

; GENERAL INFORMATION:

; APPLICANT: Kamb, Alexander

; TITLE OF INVENTION: MTS2 GENE

; NUMBER OF SEQUENCES: 36

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP

; STREET: 1201 New York Avenue, Suite 1000

; CITY: Washington

; STATE: DC

; COUNTRY: USA

; ZIP: 20005

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/120,129

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/486,047

; FILING DATE: 07-JUN-1995

; APPLICATION NUMBER: PCT/US95/03316

; FILING DATE: 17-MAR-1995

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/251,938

; FILING DATE: 01-JUN-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/215,087

; FILING DATE: 18-MAR-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/215,086

; FILING DATE: 18-MAR-1994

; APPLICATION NUMBER: US 08/227,369

; FILING DATE: 14-APR-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/214,582

; FILING DATE: 18-MAR-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Ihnen, Jeffrey L.

; REGISTRATION NUMBER: 28,957

; REFERENCE/DOCKET NUMBER: 24884-109348-B

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 202-962-4810

; TELEFAX: 202-962-8300

; INFORMATION FOR SEQ ID NO: 29:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: cdna

; HYPOTHETICAL: NO

US-09-120-129-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 3.8e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGGAGAGCT 524

Db 20 GAGGCTTCCTGGACGCT 1

RESULT 481

US-09-235-614-12/c

; Sequence 12, Application US/09235614

; Patent No. 6183966

; GENERAL INFORMATION:

; APPLICANT: GRAY, DONALD M.

; TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING

; SEQUENCES FOR ANTISENSE TARGETING

; FILE REFERENCE: 91556/66384

; CURRENT APPLICATION NUMBER: US/09/235,614

; CURRENT FILING DATE: 1999-01-22

; PRIOR FILING DATE: 1997-03-03

; PRIOR APPLICATION NUMBER: 08/808,474

; PRIOR FILING DATE: 1994-10-07

; NUMBER OF SEQ ID NOS: 38

; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 12

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: ASO

US-09-235-614-12

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 3.8e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGTGTGTGTGTGGCGG 245

Db 20 GAGAGGGGAAGTGTGTGGGGG 1

RESULT 482

US-09-235-614-15/c

; Sequence 15, Application US/09235614

; Patent No. 6183966

; GENERAL INFORMATION:

; APPLICANT: GRAY, DONALD M.

; TITLE OF INVENTION: AN APPARATUS AND METHOD FOR SELECTIVELY RANKING

; SEQUENCES FOR ANTISENSE TARGETING

; FILE REFERENCE: 91556/66384

; CURRENT APPLICATION NUMBER: US/09/235,614

; CURRENT FILING DATE: 1999-01-22

; PRIOR FILING DATE: 1997-03-03

; PRIOR APPLICATION NUMBER: 08/808,474

; PRIOR FILING DATE: 1994-10-07

; NUMBER OF SEQ ID NOS: 38

; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 15

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: S-ASO

US-09-235-614-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;

Best Local Similarity 80.0%; Pred. No. 3.8e+02;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGTGTGTGTGTGGCGG 245

Db 20 GAGAGGGGAAGTGTGTGGGGG 1

RESULT 483

US-09-290-640-39

; Sequence 39, Application US/09290640

; Patent No. 6204055  
; GENERAL INFORMATION:  
; APPLICANT: Dean, Nicholas M.  
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling  
; FILE REFERENCE: ISFH-0351  
; CURRENT FILING DATE: 1999-04-12  
; NUMBER OF SEQ ID NOS: 85  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 39  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURES:  
; OTHER INFORMATION: Synthetic Sequence  
US-09-290-640-39

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1659 CACCCCTCACAGGCAGCCC 1678  
Db 1 CCCTCTTCACATGGCAGCCC 20

RESULT 484  
US-09-201-139-29/c  
; Sequence 29, Application US/09201139  
; Patent No. 6210949  
; GENERAL INFORMATION:  
; APPLICANT: Stone, Steven  
; APPLICANT: Jiang, Ping  
; APPLICANT: Kamb, Alexander  
; TITLE OF INVENTION: MTS GENE AND THERAPEUTIC USE THEREOF  
; NUMBER OF SEQUENCES: 47  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
; STREET: 1201 New York Avenue, Suite 1000  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; FILING DATE:  
; APPLICATION NUMBER: US/09/201,139  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/508,735  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/03316  
; FILING DATE: 17-MAR-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ihnen, Jeffrey L.  
; REGISTRATION NUMBER: 28,957  
; REFERENCE/DOCKET NUMBER: 24884-109348  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-962-4848  
; TELEFAX: 202-962-8300  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA

; HYPOTHETICAL: NO  
US-09-201-139-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 505 GAGGCTACTGGAGAGCT 524  
Db 20 GAAGGCTTCTGGACAGCT 1

RESULT 485  
US-09-030-701-65/c  
; Sequence 65, Application US/09030701B  
; Patent No. 6214806  
; GENERAL INFORMATION:  
; APPLICANT: Krieg, Arthur M.  
; TITLE OF INVENTION: USE OF NUCLEIC ACIDS CONTAINING  
; TITLE OF INVENTION: UNMETHYLATED CpG DINUCLEOTIDE IN THE TREATMENT OF  
; TITLE OF INVENTION: LPS-ASSOCIATED DISORDERS  
; FILE REFERENCE: C1039/7011  
; CURRENT APPLICATION NUMBER: US/09/030,701B  
; CURRENT FILING DATE: 1998-02-25  
; PRIOR APPLICATION NUMBER: 60/039,405  
; PRIOR FILING DATE: 1997-02-28  
; NUMBER OF SEQ ID NOS: 65  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 65  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: synthetic oligonucleotide  
US-09-030-701-65

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 555 CCTCAGCGCGCGCTCGGC 574  
Db 20 CCGCGCGCGCGCGCGCC 1

RESULT 486  
US-09-120-131-29/c  
; Sequence 29, Application US/09120131  
; Patent No. 6218146  
; GENERAL INFORMATION:  
; APPLICANT: Kamb, Alexander  
; TITLE OF INVENTION: MTS2 GENE  
; NUMBER OF SEQUENCES: 36  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
; STREET: 1201 New York Avenue, Suite 1000  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/120,131  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/486,047  
; FILING DATE: 07-JUN-1995





```

/ CITY: PHILADELPHIA
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19103-7086
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/943,731
/ FILING DATE: 03-OCT-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/212,322
/ FILING DATE: 14-MAR-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/803,628
/ FILING DATE: 03-DEC-1991
/ ATTORNEY/AGENT INFORMATION:
/ NAME: DOYLE LEARY Ph.D., KATHRYN
/ REGISTRATION NUMBER: 36,317
/ REFERENCE/DOCKET NUMBER: 9598-27
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 215-965-1284
/ TELEFAX: 215-567-2991
/ TELEX: 831-494
/ INFORMATION FOR SEQ ID NO: 542:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-08-943-731-542

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred.No.3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1632 CAGCAGGCGGCTGGAGG 1651
DB 20 CAGAAGCGAGCTCTGGAAG 1

RESULT 491
US-09-489-868A-48
; Sequence 48, Application US/09489868A
; Patent No. 6265216
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
; FILE REFERENCE: RTS-0113
; CURRENT APPLICATION NUMBER: US/09/489,868A
; CURRENT FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-489-868A-48

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred.No.3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 627 GCACAACTGGCGGAGGTA 646
DB 1 GGATAGGCTGAGCGAGGTA 20

```

RESULT 492  
US-09-593-711A-74/c  
; Sequence 74, Application US/09593711A  
; Patent No. 6271030  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Madeline M. Butler  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF C/EBP BETA EXPRESSION  
; FILE REFERENCE: RTS-0118  
; CURRENT APPLICATION NUMBER: US/09/593,711A  
; CURRENT FILING DATE: 2000-06-14  
; NUMBER OF SEQ ID NOS: 244  
; SEQ ID NO 74  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-593-711A-74  
Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 65 TGAACCCAGGGGAGGCC 84  
Db 20 TGAGACTCCGGGAGGCC 1  
RESULT 493  
US-09-109-663-36/c  
; Sequence 36, Application US/09109663  
; Patent No. 6277981  
; GENERAL INFORMATION:  
; APPLICANT: Tu, Guang-Chou  
; APPLICANT: Israel, Yedy  
; TITLE OF INVENTION: AN IMPROVED METHOD FOR DESIGN AND SELECTION OF  
; TITLE OF INVENTION: EFFICACIOUS ANTISENSE OLIGONUCLEOTIDES  
; FILE REFERENCE: 9855-301  
; CURRENT APPLICATION NUMBER: US/09/109,663  
; CURRENT FILING DATE: 1998-07-03  
; EARLIER APPLICATION NUMBER: 60/051,705  
; EARLIER FILING DATE: 1997-07-03  
; NUMBER OF SEQ ID NOS: 81  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 36  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Known  
; OTHER INFORMATION: Effective ASO  
US-09-109-663-36  
Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 226 GAGAGTGGTGGTGGCGG 245  
Db 20 GAGAGGGGAAGTGGTGGGG 1  
RESULT 494  
US-09-009-490A-15/c  
; Sequence 15, Application US/09009490A  
; Patent No. 630491  
; GENERAL INFORMATION:  
; APPLICANT: Bennett and Mirabelli  
; TITLE OF INVENTION: Oligonucleotide Modulation  
; TITLE OF INVENTION: of Cell Adhesion

NUMBER OF SEQUENCES: 95  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Office of Jane Massey Licata  
STREET: 66 East Main Street  
CITY: Marlton  
STATE: NJ  
COUNTRY: USA  
ZIP: 08053  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
OPERATING SYSTEM: Windows 95  
SOFTWARE: WORDPERFECT 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/009,490A  
FILING DATE: January 20, 1998  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 440,740  
FILING DATE: May 12, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 063,167  
FILING DATE: May 17, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 969,151  
FILING DATE: February 10, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 007,997  
FILING DATE: January 20, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 939,855  
FILING DATE: September 2, 1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 567,286  
FILING DATE: August 14, 1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-0268  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 810-1515  
TELEFAX: (609) 810-1454  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-09-009-490A-15  
Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 226 GAGAGTGGTGGTGGCGG 245  
Db 20 GAGAGGGGAAGTGGTGGGG 1  
RESULT 495  
US-09-364-416-20/c  
; Sequence 20, Application US/09364416  
; Patent No. 6312900  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.  
; APPLICANT: Miraglia, Brenda F. Baker  
; TITLE OF INVENTION: Antisense Oligonucleotide  
; TITLE OF INVENTION: Compositions and Methods for the Modulation of  
; TITLE OF INVENTION: Activating Protein 1  
; NUMBER OF SEQUENCES: 139  
; CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata





```
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/337,120A
; FILING DATE: 12-NOV-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE P 43 38 704.7
; FILING DATE: 12-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Einaudi, Carol P.
; REGISTRATION NUMBER: 32,220
; REFERENCE/DOCKET NUMBER: 02481.1409-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)408-4000
; TELEFAX: (202)408-4400
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-337-120A-29

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      226 GAGAGTGGTGGTGGTGGCGG 245
DB      20 GAGAGGGGAAAGTGGTGGGG 1

RESULT 503
US-08-339-214-67
; Sequence 67, Application US/08339214
; Patent No. 6348334
; GENERAL INFORMATION:
; APPLICANT: Nagata, Shigikazu
; APPLICANT: Suda, Takashi
; APPLICANT: Takahashi, Tomoniro
; APPLICANT: Nakamura, No. 6348334io
; TITLE OF INVENTION: A Fas Ligand, A Fragment Thereof and DNA
; NUMBER OF SEQUENCES: 103
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/339,214
; FILING DATE: 10-NOV-1994
; CLASSIFICATION: 435
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1110-139P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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; TOPOLOGY: not relevant
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PS type S50"
; ANTI-SENSE: NO
; US-08-339-214-67

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      483 ACCAGCTGACATCCGGCTGC 502
DB      1 ACCAGCTGCCATGCAGCAGC 20

RESULT 504
US-08-339-214-68/C
; Sequence 68, Application US/08339214
; Patent No. 6348334
; GENERAL INFORMATION:
; APPLICANT: Nagata, Shigikazu
; APPLICANT: Suda, Takashi
; APPLICANT: Takahashi, Tomoniro
; APPLICANT: Nakamura, No. 6348334io
; TITLE OF INVENTION: A Fas Ligand, A Fragment Thereof and DNA
; NUMBER OF SEQUENCES: 103
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/339,214
; FILING DATE: 10-NOV-1994
; CLASSIFICATION: 435
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 1110-139P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-205-8000
; TELEFAX: 703-205-8050
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: not relevant
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PS type A69"
; ANTI-SENSE: YES
; US-08-339-214-68

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      483 ACCAGCTGACATCCGGCTGC 502
DB      20 ACCAGCTGCCATGCAGCAGC 1

RESULT 505
US-09-210-288-24
; Sequence 24, Application US/09210288
```

```
; Patent No. 6392026
; GENERAL INFORMATION:
; APPLICANT: Sim, Kim L.
; APPLICANT: Chitnis, Chetan
; APPLICANT: Miller, Louis H.
; APPLICANT: Peterson, David S.
; APPLICANT: Su, Xin-Zhaun
; APPLICANT: Wellens, Thomas E.
; TITLE OF INVENTION: BINDING DOMAINS FROM PLASMODIUM VIVAX
; AND PLASMODIUM FALCIPARUM ERYTHROCYTE BINDING PROTEINS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe Martens Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: California
; COUNTRY: US
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/210,288
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Fuller, Michael
; REGISTRATION NUMBER: 36,516
; REFERENCE/DOCKET NUMBER: NIH121.1FWDV1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-09-210-288-24

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 55.8%; Pred. No. 3.8e+02;
Matches 10; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy 1630 CCCAGCAGGCGCGGCTG 1647
Db 1 CCSMGSGSCAGCAGVTS 18

RESULT 506
US-09-657-474-28/c
; Sequence 28, Application US/09657474
; Patent No. 6399762
; GENERAL INFORMATION:
; APPLICANT: Chen, H.
; APPLICANT: Freimer, N.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING
; AND TREATING CHROMOSOME-18p RELATED DISORDERS
; FILE REFERENCE: 7853-138
; CURRENT APPLICATION NUMBER: US/09/657,474
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: 09/268,992
; PRIOR FILING DATE: 1999-03-16
; PRIOR APPLICATION NUMBER: 09/236,134
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/106,056
```

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; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/088,312
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/078,044
; PRIOR FILING DATE: 1998-03-16
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; US-09-657-474-28

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 156 GTCATGACACTCCGAGGTG 175
Db 20 GTCCAGAACTTGAGGTG 1

RESULT 507
US-09-506-073-11/c
; Sequence 11, Application US/09506073
; Patent No. 6410518
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/09/506,073
; CURRENT FILING DATE: 2000-02-18
; EARLIER APPLICATION NUMBER: US 09/143,214
; EARLIER FILING DATE: 1998-08-28
; EARLIER APPLICATION NUMBER: PCT/US98/13961
; EARLIER FILING DATE: 1998-07-06
; EARLIER APPLICATION NUMBER: US 08/888,982
; EARLIER FILING DATE: 1997-07-07
; EARLIER APPLICATION NUMBER: US 08/756,806
; EARLIER FILING DATE: 1996-11-26
; EARLIER APPLICATION NUMBER: PCT/US95/07111
; EARLIER FILING DATE: 1995-05-31
; EARLIER APPLICATION NUMBER: US 08/250,856
; EARLIER FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 11
; TYPE: DNA
; LENGTH: 20
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
; US-09-506-073-11

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1186 ATGGCCACAGGCGGCTCCCT 1205
Db 20 ATGGCTCCAGGCGCTTCACT 1

RESULT 508
US-08-961-578C-1/c
; Sequence 1, Application US/08961578C
; Patent No. 6413939
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J. et al.
; TITLE OF INVENTION: Cancer Treatment Assay Using the Warberg Effect
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
```

```
;
; ADDRESSEE: THE PICOWER INSTITUTE FOR MEDICAL RESEARCH
; STREET: 350 Community Drive
; CITY: Manhasset
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11030
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: PC compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,578C
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oster, Jeffrey B.
; REGISTRATION NUMBER: 32,585
; REFERENCE/DOCKET NUMBER: 0301
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 516 562 9404
; TELEFAX: 516 365 7919
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: hiPFK-2 antisense
; US-08-961-578C-1

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

;
; RESULT 509
; US-08-961-578C-2
; Sequence 2, Application US/08961578C
; Patent No. 6413939
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J. et al.
; TITLE OF INVENTION: Cancer Treatment Assay Using the Warberg Effect
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: THE PICOWER INSTITUTE FOR MEDICAL RESEARCH
; STREET: 350 Community Drive
; CITY: Manhasset
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11030
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: PC compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/961,578C
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Oster, Jeffrey B.
; REGISTRATION NUMBER: 32,585
; REFERENCE/DOCKET NUMBER: 0901
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 516 562 9404
; TELEFAX: 516 365 7919
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: hiPFK-2 antisense
; US-08-961-578C-2
```

```
;
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: hiPFK-2 antisense
; US-08-961-578C-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

;
; QY 1679 CCACTACATCTTCCTGCT 1698
; DB 1 CCAACGGCATCTTCGGGCT 20

;
; RESULT 510
; US-09-853-768-73/c
; Sequence 73, Application US/09853768
; Patent No. 6444466
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HELICASE-MOI EXPRESSION
; FILE REFERENCE: RTS-0217
; CURRENT APPLICATION NUMBER: US/09/853,768
; CURRENT FILING DATE: 2001-05-10
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-853-768-73

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

;
; QY 1380 GGCGACCTCTCTCACCAGC 1399
; DB 20 GGACTACCTCATACCAAGC 1

;
; RESULT 511
; US-09-640-101-75/c
; Sequence 75, Application US/09640101
; Patent No. 6448079
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Gaarde, William A.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen
; FILE REFERENCE: ISPH-0488
; CURRENT APPLICATION NUMBER: US/09/640,101
; CURRENT FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
; US-09-640-101-75

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
```



Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
QY 1153 GACATGTGGGTGTGGCGTG 1172  
|||||  
Db 20 GACATCTGGTCTGTGGCGTG 1

RESULT 512  
US-09-791-211-78  
; Sequence 78, Application US/09791211  
; Patent No. 6448080  
; GENERAL INFORMATION:  
; APPLICANT: Donna T. Ward  
; TITLE OF INVENTION: ANTISENSE MODULATION OF WRN EXPRESSION  
; FILE REFERENCE: RTS-0205  
; CURRENT APPLICATION NUMBER: US/09/791,211  
; CURRENT FILING DATE: 2001-02-23  
; NUMBER OF SEQ ID NOS: 90  
; SEQ ID NO 78  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-791-211-78

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1181 ATGATGGCCACAGGCCGT 1200  
|||||  
Db 1 ATGTGATGGCCATAGACTGT 20

RESULT 513  
US-09-851-062-47/c  
; Sequence 47, Application US/09851062  
; Patent No. 6448081  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Susan M. Preier  
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION  
; FILE REFERENCE: RTS-0247  
; CURRENT APPLICATION NUMBER: US/09/851,062  
; CURRENT FILING DATE: 2001-05-07  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 47  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-851-062-47

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1717 CTGAGCCATGTTCACCTGCC 1736  
|||||  
Db 20 CTCAGCCAGGTGTCATCTGCC 1

RESULT 514  
US-09-517-467B-125/c  
; Sequence 125, Application US/09517467B  
; Patent No. 6451602  
; GENERAL INFORMATION:  
; APPLICANT: Ian Popoff  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION

; FILE REFERENCE: RTS-0150  
; CURRENT APPLICATION NUMBER: US/09/517,467B  
; CURRENT FILING DATE: 2001-03-02  
; PRIOR APPLICATION NUMBER: 09/517,467  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 345  
; SEQ ID NO 125  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-517-467B-125

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1055 AGTCAATCCCAACAAGACA 1074  
|||||  
Db 20 AGGCAATCTCAACAGGCCA 1

RESULT 515  
US-09-517-467B-280/c  
; Sequence 280, Application US/09517467B  
; Patent No. 6451602  
; GENERAL INFORMATION:  
; APPLICANT: Ian Popoff  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION  
; FILE REFERENCE: RTS-0150  
; CURRENT APPLICATION NUMBER: US/09/517,467B  
; CURRENT FILING DATE: 2001-03-02  
; PRIOR APPLICATION NUMBER: 09/517,467  
; PRIOR FILING DATE: 2000-03-02  
; NUMBER OF SEQ ID NOS: 345  
; SEQ ID NO 280  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-517-467B-280

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 774 CCTCAACGCGCAACATCG 793  
|||||  
Db 20 CCTGACCAGACCAACATCG 1

RESULT 516  
US-09-780-049-29  
; Sequence 29, Application US/09780049  
; Patent No. 8465250  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUN  
; FILE REFERENCE: RTS-0134  
; CURRENT APPLICATION NUMBER: US/09/780,049  
; CURRENT FILING DATE: 2001-02-09  
; NUMBER OF SEQ ID NOS: 96  
; SEQ ID NO 29  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-780-049-29

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 51 AGCAGTGTGACTGCTGAAC 70  
| | | | | | | | | | | | | | | | | |  
Db 1 AGCAGTGTACTGTTTCAAC 20

RESULT 517

US-09-288-679-4/c  
; Sequence 4, Application US/09288679  
; Patent No. 6465628  
; GENERAL INFORMATION:  
; APPLICANT: Ravikumar, Vasulinga  
; APPLICANT: Manoharan, Muthia  
; APPLICANT: Capaldi, Daniel  
; APPLICANT: Krotz, Achim  
; APPLICANT: Cole, Douglas  
; APPLICANT: Guzaev, Andrei  
; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric Compounds  
; FILE REFERENCE: IS153380  
; CURRENT APPLICATION NUMBER: US/09/288,679  
; CURRENT FILING DATE: 1999-04-09  
; PRIOR APPLICATION NUMBER: 60/118,564  
; PRIOR FILING DATE: 1999-02-04  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 4  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial  
; FEATURE:  
; OTHER INFORMATION: Phosphorothioate backbone  
US-09-288-679-4

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGTGTGGTGGGG 245  
| | | | | | | | | | | | | | | | | |  
Db 20 GAGAGGGGAAGTGTGGGG 1

RESULT 518

US-09-844-525A-23  
; Sequence 23, Application US/09844525A  
; Patent No. 6468796  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF BIFUNCTIONAL APOPTOSIS REGULATOR EXPRESSION  
; FILE REFERENCE: RTS-0230  
; CURRENT APPLICATION NUMBER: US/09/844,525A  
; CURRENT FILING DATE: 2001-08-20  
; NUMBER OF SEQ ID NOS: 90  
; SEQ ID NO 23  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-844-525A-23

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 195 CAATGGTCCCTGAGCAGA 214  
| | | | | | | | | | | | | | | | | |

Db 1 CAATGGCATCCCTGAGGAGA 20

RESULT 519

US-09-643-233-20/c  
; Sequence 20, Application US/09643233  
; Patent No. 6479651  
; GENERAL INFORMATION:  
; APPLICANT: SEELA, Frank  
; APPLICANT: THOMAS, Horst  
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES, THEIR PREPARATION AND THEIR  
; FILE REFERENCE: 026083/0181  
; CURRENT APPLICATION NUMBER: US/09/643,233  
; CURRENT FILING DATE: 2000-08-22  
; PRIOR APPLICATION NUMBER: 09/144,112  
; PRIOR FILING DATE: 1998-08-31  
; NUMBER OF SEQ ID NOS: 53  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 20  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Antisense  
; OTHER INFORMATION: Oligonucleotide  
US-09-643-233-20

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGTGTGTGGTGGGG 245  
| | | | | | | | | | | | | | | | | |  
Db 20 GAGAGGGGAAGTGTGGGG 1

RESULT 520

US-09-898-361-103  
; Sequence 103, Application US/09898361  
; Patent No. 6503152  
; GENERAL INFORMATION:  
; APPLICANT: Susan Murray  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPT  
; FILE REFERENCE: RTS-0158  
; CURRENT APPLICATION NUMBER: US/09/898,361  
; CURRENT FILING DATE: 2001-06-21  
; NUMBER OF SEQ ID NOS: 163  
; SEQ ID NO 103  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-898-361-103

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e+02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 108 GCCCCCGCCGATGCCATGG 127  
| | | | | | | | | | | | | | | | | |  
Db 1 GCCCCCGTGTGCTGTCATAG 20

RESULT 521

US-09-668-313A-93  
; Sequence 93, Application US/09668313A  
; Patent No. 6503756  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia

```
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF SYNTAXIN 4 INTERACTING PROTEIN EXPRESSION
; FILE REFERENCE: RIS-0127
; CURRENT APPLICATION NUMBER: US/09/669,313A
; CURRENT FILING DATE: 2000-09-22
; NUMBER OF SEQ ID NOS: 247
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-668-313A-93

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1303 GAGTTCAGACATACAACTA 1322
      ||||| ||||| ||||| |||||
Db 1 GATTTCAAAAATATAACTA 20

RESULT 522
US-09-422-978-11617/c
; Sequence 11617, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11617
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11206 for SEQ 3752, in complement
US-09-422-978-11617

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1237 CACTTCATCTCCGTACTT 1256
      ||||| ||||| ||||| |||||
Db 20 CTCCTCCCTCTTCATACTT 1

RESULT 523
US-09-198-452A-2072/c
; Sequence 2072, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 1703
; SEQ ID NO 1237
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
```

```
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2072
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-2072

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 405 GTCTCCAGTGAGAGTCCGTA 424
      ||||| ||||| ||||| |||||
Db 20 GTCTCCTATGAGATTGCGGA 1

RESULT 524
US-09-198-452A-3394/c
; Sequence 3394, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3394
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3394

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 154 CTGTCAATGACACTCCGAGG 173
      ||||| ||||| ||||| |||||
Db 20 CTGTGATTACACACCGAGG 1

RESULT 525
US-09-198-452A-3649/c
; Sequence 3649, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3649
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3649

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1684 TACATCTTCCCTGCTTACTC 1703
      ||||| ||||| ||||| |||||
Db 20 TACTTCTTCCCTCCCTTCTC 1
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RESULT 526
US-09-198-452A-4585
; Sequence 4585, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4585
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4585

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 9 GCGTAAAGGATGACAGGAA 28
DB 1 GCGTTCAGGATCTACAGAA 20

RESULT 527
US-09-198-452A-5261
; Sequence 5261, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5261
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5261

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 9 GCGTAAAGGATGACAGGAA 28
DB 1 GCGTTCAGGATCTACAGAA 20

RESULT 528
US-09-198-452A-5947/c
; Sequence 5947, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5947
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5947

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 953 GCCACCGCGAGAGTGCTA 972
DB 1 GCTATCGCGAGATGCTA 20

US-09-198-452A-5947
; Sequence 5947, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5947
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5947

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 542 TCTTTGACAGCCCTCACC 561
DB 20 TATTGTCAAGCCCCACACC 1

US-09-198-452A-6067
; Sequence 6067, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Grifffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6067
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-6067

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 761 CCCTGCTCAAGGACCTCAA 780
DB 1 CGCTGCTCAGAACATCAGA 20

US-09-670-216-1/c
; Sequence 1, Application US/09670216
; Patent No. 6596851
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J.
; APPLICANT: Chesney, Jason A.
; APPLICANT: Mitchell, Robert A.
; TITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect
; FILE REFERENCE: 9511-064-27 DIV
; CURRENT APPLICATION NUMBER: US/09/670,216
; CURRENT FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US 09/183,846
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: US 08/961,578
; PRIOR FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hipPK-2 antisense
US-09-670-216-1

Query Match      0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTTCCTGCT 1698
DB 20 CCAACGCGCATCTTCGCGCT 1
```

```
RESULT 531
US-09-670-216-2
; Sequence 2, Application US/09670216
; Patent No. 6596851
; GENERAL INFORMATION:
; APPLICANT: Bucala, Richard J.
; APPLICANT: Chesney, Jason A.
; APPLICANT: Mitchell, Robert A.
; TITLE OF INVENTION: Inducible Phosphofructokinase and the Warburg Effect
; FILE REFERENCE: 9511-064-27 DIV
; CURRENT APPLICATION NUMBER: US/09/670,216
; CURRENT FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: US 09/183,846
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: US 08/961,578
; PRIOR FILING DATE: 1997-10-31
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hi-PFK-2 antisense
US-09-670-216-2

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1679 CCAACTACATCTTCCTGCT 1698
Db 1 CCAACGGCATCTTCGGGGCT 20

RESULT 532
US-09-692-820A-4/c
; Sequence 4, Application US/09692820A
; Patent No. 6602674
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Timothy J.
; APPLICANT: Underwood, Lowell J.
; APPLICANT: Tanimoto, Hirokoshi
; APPLICANT: Shigemasa, Kazushi
; TITLE OF INVENTION: Uses of Antileukoprotease in Carcinoma
; FILE REFERENCE: D6247
; CURRENT APPLICATION NUMBER: US/09/692,820A
; CURRENT FILING DATE: 2000-01-18
; PRIOR APPLICATION NUMBER: US 60/159,972
; PRIOR FILING DATE: 1999-10-18
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Microsoft Word 98
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse oligonucleotide primer for PCR amplification of antileukoprotease
US-09-692-820A-4

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1109 CCCTGACATCCCTGCTGGG 1128
Db 20 CCACTGATATCCCTCCTTGG 1

RESULT 533
US-09-665-615B-39
```

```
; Sequence 39, Application US/09665615B
; Patent No. 6653133
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcusson, Eric G.
; APPLICANT: Wyatt, Jacqueline
; TITLE OF INVENTION: Antisense Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISFH-0502
; CURRENT APPLICATION NUMBER: US/09/665,615B
; CURRENT FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-665-615B-39

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1659 CACCCTCAGCGGCGGCC 1678
Db 1 CCCTTCACATGGCGGCC 20

RESULT 534
US-08-278-774-24/c
; Sequence 24, Application US/08278774
; Patent No. 6653450
; GENERAL INFORMATION:
; APPLICANT: Berg, Richard A
; APPLICANT: Toman, David P
; APPLICANT: Wallace, Donald
; TITLE OF INVENTION: MUTATED RECOMBINANT COLLAGENS
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: COLLAGEN CORPORATION
; STREET: 2500 Faber Place
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/278,774
; FILING DATE: 22-JUL-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Raiyako, Kathi L
; REGISTRATION NUMBER: 36,644
; REFERENCE/DOCKET NUMBER: 94-018
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 354-4642
; TELEFAX: (415) 354-4752
; TELEX:
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-278-774-24
```

```
Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1555 TCCTGCGATGCTGACTC 1574
DB 20 TCCTGCGGTGGTGACTC 1

RESULT 535
US-09-870-956-33/C
; Sequence 33, Application US/09870956
; Patent No. 6683169
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; APPLICANT: Rutgers, The State University of New Jersey
; TITLE OF INVENTION: No. 6683169el Compositions for the Expression of the Human Peptide
; TITLE OF INVENTION: Hisidine Transporter 1 and Methods of Use Thereof
; FILE REFERENCE: Rutgers 00-0126
; CURRENT APPLICATION NUMBER: US/09/870,956
; CURRENT FILING DATE: 2001-05-31
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-870-956-33

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 551 AGCCCTCAGCGCGGCTC 570
DB 20 AACGCCCGAGCGCGCGGC 1

RESULT 536
PCT-US93-08101-15/C
; Sequence 15, Application PC/TUS9308101
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08101
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
```

```
; FILING DATE: July 23, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0002
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
PCT-US93-08101-15

Query Match 0.8%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 226 GAGAGTGGTGGTGGCGG 245
DB 20 GAGAGGGGAAGTGGTGGGG 1

RESULT 537
PCT-US95-07111A-11/C
; Sequence 11, Application PC/TUS9507111A
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P. and Boggs, Russell T.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation
; TITLE OF INVENTION: of raf Gene Expression
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/07111A
; FILING DATE: May 31, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/250,856
; FILING DATE: May 31, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0135
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
```

PCT-US95-07111A-11

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e-02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1186 ATGGCCACAGCGCTCCCT 1205  
|||||  
Db 20 ATGGCTCCAGGCTTCACCT 1

RESULT 538

US-09-09388-83/c  
Sequence 83, Application PC/TUS9609388  
GENERAL INFORMATION:  
APPLICANT: Smith, Larry J.  
TITLE OF INVENTION: Therapeutic Oligonucleotides  
TARGETING THE HUMAN MDR1 AND MRP GENES  
NUMBER OF SEQUENCES: 114  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dann, Dorfman, Herrell and Skillman  
STREET: 1601 Market Street Suite 720  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103-2307  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/09388  
FILING DATE: 07-JUN-1995

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/379,180  
FILING DATE: 12-JUL-1994

ATTORNEY/AGENT INFORMATION:  
NAME: Reed, Janet E.  
REGISTRATION NUMBER: 36,252

REFERENCE/DOCKET NUMBER: 63082C  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215)563-4100  
TELEFAX: (215)563-4044

INFORMATION FOR SEQ ID NO: 83:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: not relevant  
MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO  
ANTI-SENSE: YES  
PCT-US96-09388-83

Query Match 0.8%; Score 13.6; DB 1; Length 20;  
Best Local Similarity 80.0%; Pred. No. 3.8e-02;  
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 733 GCACCTGACCGGCTCCG 752  
|||||  
Db 20 GCACGACCGGCTCCG 1

RESULT 539

US-08-291-932A-320  
Sequence 320, Application US/08291932A  
Patent No. 5658780

GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth G.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: NF-KB  
NUMBER OF SEQUENCES: 830  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/291,932A  
FILING DATE: August 15, 1994  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994  
FILING DATE: December 7, 1992  
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/157

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 320:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-291-932A-320

Query Match 0.8%; Score 13.4; DB 1; Length 15;  
Best Local Similarity 66.7%; Pred. No. 2.6e-02;  
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 539 CCATCTTGCACG 553  
|||||  
Db 1 CCAUUCUUGACAUC 15

RESULT 540  
US-09-081-646-233/c  
Sequence 233, Application US/09081646  
Patent No. 633152

GENERAL INFORMATION:  
APPLICANT: Kinzler, Kenneth  
APPLICANT: Vogelstein, Bert  
APPLICANT: Zhang, Lin

APPLICANT: Zhou, Wei  
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and  
FILE REFERENCE: 01107.74664  
CURRENT APPLICATION NUMBER: US/09/081,646

CURRENT FILING DATE: 1998-05-20  
EARLIER APPLICATION NUMBER: 60/047,352  
EARLIER FILING DATE: 1997-05-21  
NUMBER OF SEQ ID NOS: 871

SOFTWARE: FastSeq for Windows Version 3.0





; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6994  
; LENGTH: 16  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6994

Query Match 0.8%; Score 13.4; DB 1; Length 16;  
Best Local Similarity 93.3%; Pred. No. 2.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1054 AAGTCAATCCACACA 1068  
Db 15 AAGTCAATCCACACA 1

RESULT 545  
US-08-009-263C-33/C  
; Sequence 33, Application US/08009263C  
; Patent No. 5442049  
; GENERAL INFORMATION:  
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker  
; TITLE OF INVENTION: Oligonucleotides for Modulating the  
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections  
; NUMBER OF SEQUENCES: 88  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Mackiewicz & No. 5442049ris  
; STREET: One Liberty Place -- 46th floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/009,263C  
; FILING DATE: January 25, 1993  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 927,506  
; FILING DATE: No. 5442049ember 19, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISIS-0844  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 33:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid

; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-009-263C-33

Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 135 GAAGAGATCAACG 149  
Db 16 GAAGAGATCAACG 2

RESULT 546  
US-08-985-162-301  
; Sequence 301, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FASTSEQ for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/985,162  
; FILING DATE: 04 December 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 301:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-985-162-301

Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 80.0%; Pred. No. 3.2e+02;  
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 989 CCAGAACTGCTCA 1003  
Db 3 CCAGAACTGCTCA 17

RESULT 547  
US-08-838-715B-33/c  
; Sequence 33, Application US/08838715B  
; Patent No. 6153595  
; GENERAL INFORMATION:  
; APPLICANT: Draper, Chapman, Kiser, Anderson  
; TITLE OF INVENTION: Composition and Method for Treatment  
; TITLE OF INVENTION: of CMV Infection  
; NUMBER OF SEQUENCES: 90  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jane Massey Licata, Esq.  
; STREET: 66 E. Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/838,715B  
; FILING DATE: Apr 11 9, 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/568,366  
; FILING DATE: 8/15/90  
; APPLICATION NUMBER: 07/927,506  
; FILING DATE: 11/19/92  
; APPLICATION NUMBER: 08/009,263  
; FILING DATE: 1/25/93  
; APPLICATION NUMBER: 08/233,711  
; FILING DATE: 4/26/94  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0204  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 810-1454  
; INFORMATION FOR SEQ ID NO: 33:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHEICAL: NO  
; ANTI-SENSE: YES  
US-08-838-715B-33  
Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 135 GAAGAAGATCAACG 149  
Db 16 GAAGAAGCAACG 2  
RESULT 548  
US-08-924-183-6/c  
; Sequence 6, Application US/08924183A  
; Patent No. 6218109  
; GENERAL INFORMATION:  
; APPLICANT: Ellledge, Stephen J.  
; APPLICANT: Sanchez, Yolanda  
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS  
; FILE REFERENCE: 120541-1003  
; CURRENT APPLICATION NUMBER: US/08/924,183A

; CURRENT FILING DATE: 1997-09-05  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 6  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-08-924-183-6  
Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1033 GACTTTGGCCTGGCC 1047  
Db 17 GACTTTGGCCTGTCC 3  
RESULT 549  
US-09-488-364-6/c  
; Sequence 6, Application US/09488364  
; Patent No. 6307015  
; GENERAL INFORMATION:  
; APPLICANT: Ellledge, Stephen J.  
; APPLICANT: Sanchez, Yolanda  
; TITLE OF INVENTION: MAMMALIAN CHECKPOINT GENES AND PROTEINS  
; FILE REFERENCE: 120541-1013  
; CURRENT APPLICATION NUMBER: US/09/488,364  
; CURRENT FILING DATE: 2000-01-12  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 6  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-488-364-6  
Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 1033 GACTTTGGCCTGGCC 1047  
Db 17 GACTTTGGCCTGTCC 3  
RESULT 550  
US-08-584-040-1929/c  
; Sequence 1929, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwigen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1929:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1929

Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1501 ACTTCCATATTGCA 1515  
Db 16 ATTTCATATTGCA 2

RESULT 551  
US-08-584-040-4221  
Sequence 4221, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4221:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-4221

Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 60.0%; Pred. No. 3.2e+02;  
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGACTTTGGCCCTGGC 1046  
Db 3 UGACUUGGCUUGGC 17

RESULT 552  
US-09-474-432B-438/c  
Sequence 438, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Burgin, Alex  
APPLICANT: Beaudry, Amber  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka  
APPLICANT: Sweedler, David  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle  
FILE REFERENCE: MHR00-831-B (247/276)  
CURRENT APPLICATION NUMBER: US/09/474,432B  
CURRENT FILING DATE: 1999-12-19  
PRIOR APPLICATION NUMBER: US 60/064,866  
PRIOR FILING DATE: 1997-11-05  
PRIOR APPLICATION NUMBER: US 60/084,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: US 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: US 09/301,511  
PRIOR FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 1526  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 438  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-474-432B-438

Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTGG 941  
Db 16 CCAGCTGCACCGTGG 2

RESULT 553  
US-09-474-432B-504  
Sequence 504, Application US/09474432B  
Patent No. 6528640  
GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
; FILE REFERENCE: MEHB00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US 09/474,432B  
; PRIOR FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/084,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 504  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-504

Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 73.3%; Pred. No. 3.2e+02;  
Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 49 CCAGCAGTGTGACTG 63  
| | | | | : | : | : | : | : |  
Db 3 CCAGCUGUGAGUG 17

RESULT 554  
US-09-371-772B-474/c  
; Sequence 474, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 474  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-474

Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1501 ACTTCCATATTGCA 1515  
| | | | | | | | | | | | | | | | | | |  
Db 16 ATTCCATATTGCA 2

RESULT 555  
US-09-371-772B-1988  
; Sequence 1988, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1988  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1988

Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 60.0%; Pred. No. 3.2e+02;  
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGACTTTGGCTGGC 1046  
| | | | | : | : | : | : | : |  
Db 3 UGACUUGGCUUGGC 17

RESULT 556  
US-09-371-772B-4764/c  
; Sequence 4764, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 4764  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4764

Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1504 TCCATATTGCACTA 1518  
| | | | | | | | | | | | | | | | | | |  
Db 17 TCCATATTGCACTA 3

RESULT 557

```
US-09-476-387-437/c
; Sequence 437, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 437
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-437

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 927 CCAGCTGCTCCGTGG 941
Db 16 CCAGCTGCACCGTGG 2

RESULT 558
US-09-476-387-503
; Sequence 503, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelsky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 503
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-503

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 927 CCAGCTGCTCCGTGG 941
Db 16 CCAGCTGCACCGTGG 2
```

```
US-09-476-387-503
; ORGANISM: Homo sapiens
; Query Match      0.8%; Score 13.4; DB 1; Length 17;
; Best Local Similarity 73.3%; Pred. No. 3.2e+02;
; Matches 11; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 49 CCAGCAGTGTGACTG 63
Db 3 CCAGCUGUGAGUCUG 17

RESULT 559
US-09-401-063-301
; Sequence 301, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: McSwigen, James
; APPLICANT: Fell, Patricia
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 301:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-301

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 80.0%; Pred. No. 3.2e+02;
Matches 12; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 989 CCCAGACCTGTCTCA 1003
Db 3 CCCAGUACCGUCUCA 17
```

```
RESULT 560
US-09-827-998-546
; Sequence 546, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MEMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-546

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 289 CTTGCTCTGCACGG 303
DB 1 CTTGCTCTGCACGG 15

RESULT 561
US-09-866-108A-66/c
; Sequence 66, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 67
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-67/c

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 289 CTTGCTCTGCACGG 303
DB 1 CTTGCTCTGCACGG 15

RESULT 562
US-09-866-108A-67/c
; Sequence 67, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 67
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-67/c

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCACAG 1195
DB 16 ATGAGATGGCCACAG 2

RESULT 563
US-09-866-108A-68/c
; Sequence 68, Application US/09866108A
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; SEQ ID NO 66
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-66

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCACAG 1195
DB 17 ATGAGATGGCCACAG 3

RESULT 562
US-09-866-108A-67/c
; Sequence 67, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 67
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-67/c

Query Match      0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCACAG 1195
DB 16 ATGAGATGGCCACAG 2

RESULT 563
US-09-866-108A-68/c
; Sequence 68, Application US/09866108A
```

```
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 68
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-68

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1181 ATGAGTGGCCACAG 1195
Db 15 ATGAGTGGACACAG 1

RESULT 564
US-09-866-108A-8896/c
; Sequence 8896, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 68
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-68
```

```
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8896
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-8896

Query Match 0.8%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 165 ACTCGAGGTGGCCG 179
Db 17 ACTCGAGGTGGCCG 3

RESULT 565
US-09-866-108A-8897/c
; Sequence 8897, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
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; Patent No. 6686188  
; SEQ ID NO 8897  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8897

Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 165 ACTCCGAGGTGGCG 179  
| | | | | | | | | | | | | | | | | | | | |  
Db 16 ACTCCGAGGTGGCG 2

RESULT 566  
US-09-866-108A-8898/c  
; Sequence 8898, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: A6MICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: A6MICA Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8898  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8898

Query Match 0.8%; Score 13.4; DB 1; Length 17;  
Best Local Similarity 93.3%; Pred. No. 3.2e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 165 ACTCCGAGGTGGCG 179  
| | | | | | | | | | | | | | | | | | | | |  
Db 15 ACTCCGAGGTGGCG 1

RESULT 567  
US-08-363-240A-1197

; Sequence 1197, Application US/08363240A  
; Patent No. 5705388  
; GENERAL INFORMATION:  
; APPLICANT: Couture, Larry  
; APPLICANT: McSwiggen, James  
; APPLICANT: Bisgaier, Charles  
; APPLICANT: Pape, Michael  
; TITLE OF INVENTION: METHOD AND REAGENT FOR  
; TITLE OF INVENTION: PREVENTION, INHIBITION OF  
; TITLE OF INVENTION: PROGRESSION AND REGRESSION  
; TITLE OF INVENTION: OF VASCULAR DISEASES  
; NUMBER OF SEQUENCES: 1243  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/363,240A  
; FILING DATE: December 23, 1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 210/096  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1197:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-363-240A-1197  
Query Match 0.8%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 60.0%; Pred. No. 3.6e+02;  
Matches 9; Conservative 5; Mismatches 1; Indels 0; Gaps 0;  
Qy 1028 TGGCTGACTTGGCC 1042  
| | | | | | | | | | | | | | | | | | | | |  
Db 3 UGGCUGACUUUGUCC 17  
; RESULT 568  
US-09-205-860-77/c  
; Sequence 77, Application US/09205860  
; Patent No. 5981732  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION  
; FILE REFERENCE: RTS-0031  
; CURRENT APPLICATION NUMBER: US/09/205,860  
; CURRENT FILING DATE: 1998-12-04  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 77  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:



OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-860-77

Query Match 0.8%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 810 TATCACACGGAGAA 824  
|||||  
DB 18 TATCACACGGAGAA 4

RESULT 569  
US-09-163-485-21  
; Sequence 21, Application US/09163485  
; Patent No. 6277571  
; GENERAL INFORMATION:  
; APPLICANT: FILLMORE, HELEN  
; APPLICANT: BROADBUSH, WILLIAM  
; APPLICANT: GILLIES, GEORGE  
; TITLE OF INVENTION: SEQUENTIAL CONSENSUS REGION-DIRECTED AMPLIFICATION OF  
; FILE REFERENCE: VCU1P4B  
; CURRENT APPLICATION NUMBER: US/09/163,485  
; CURRENT FILING DATE: 1998-08-30  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 21  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
; OTHER INFORMATION: oligonucleotide, consensus sequence from human  
; OTHER INFORMATION: matrix metalloproteinases  
; NAME/KEY: MOD\_RES  
; LOCATION: (9)\_RES  
; OTHER INFORMATION: A, T, C, G, other or unknown  
US-09-163-485-21

Query Match 0.8%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 77.8%; Pred. No. 3.6e+02;  
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 856 AAGGACCTGACAGTAC 873  
|||||  
DB 1 AAGGAGTNAAGCAGTTC 18

RESULT 570  
US-09-194-842A-11/C  
; Sequence 11, Application US/09194842A  
; Patent No. 6416948  
; GENERAL INFORMATION:  
; APPLICANT: Palarski, Linda M.  
; APPLICANT: Belch, Andrew R.  
; APPLICANT: Szczepek, Agnieszka J.  
; TITLE OF INVENTION: METHODS FOR DETECTION OF REARRANGED DNA  
; FILE REFERENCE: STI-008USCPA  
; CURRENT APPLICATION NUMBER: US/09/194,842A  
; CURRENT FILING DATE: 1999-01-04  
; PRIOR APPLICATION NUMBER: US 60/019,106  
; PRIOR FILING DATE: 1996-06-03  
; PRIOR APPLICATION NUMBER: PCT/US97/09534  
; PRIOR FILING DATE: 1997-06-03  
; NUMBER OF SEQ ID NOS: 76  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 11  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-194-842A-11

Query Match 0.8%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 383 CCACGTCCTCGGATG 397  
|||||  
DB 16 CCACGTCCTCGGAGG 2

RESULT 571  
US-09-555-313B-18  
; Sequence 18, Application US/09555313B  
; Patent No. 6506580  
; GENERAL INFORMATION:  
; APPLICANT: FICHSMEISTER, Rudolph et al.  
; TITLE OF INVENTION: Splicing variants of the human serotoninergic receptor  
; FILE REFERENCE: P06762US00/BAS  
; CURRENT APPLICATION NUMBER: US/09/555,313B  
; CURRENT FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: FR 97/15037  
; PRIOR FILING DATE: 1997-11-28  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 18  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
US-09-555-313B-18

Query Match 0.8%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 766 CTCAGGAGCTCAAA 780  
|||||  
DB 1 CTCAGGAGCTCAAA 15

RESULT 572  
US-09-422-978-8777  
; Sequence 8777, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilva  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 8777  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: downstream amplification primer 99-18179 for SEQ 912, in comple  
US-09-422-978-8777

Query Match 0.8%; Score 13.4; DB 1; Length 18;  
Best Local Similarity 93.3%; Pred. No. 3.6e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1673 CAGCCCCCACTACA 1687  
| | | | | | | | | |  
Db 3 CAGCCCTCAACTACA 17

RESULT 573  
US-07-695-564-13  
; Sequence 13, Application US/07695564  
; Patent No. 5310874  
; GENERAL INFORMATION:  
; APPLICANT: Tamura, Richard N.  
; APPLICANT: Quaranta, Vito  
; TITLE OF INVENTION: INTEGRIN ALPHA SUBUNIT CYTOPLASMIC  
; TITLE OF INVENTION: DOMAIN POLYPEPTIDES, ANTIBODIES AND METHODS  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Thomas Fitting  
; STREET: 11300 Sorrento Valley Road, Suite 200  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92121  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/695,564  
; FILING DATE: 19910503  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fitting, Thomas  
; REGISTRATION NUMBER: 34,163  
; REFERENCE/DOCKET NUMBER: SCRO377P  
; TELEPHONE: 619-546-1555  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: 1..19  
; OTHER INFORMATION: /standard name= "PCR PRIMER 1681"  
; OTHER INFORMATION: /note= "The primer corresponds to bp 2942-2960 of  
; OTHER INFORMATION: the ALPHA 6A cDNA sequence of SEQ ID NO:2."  
US-07-695-564-13

Query Match 0.8%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 3.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 881 ACTGTGGGAACATCA 895  
| | | | | | | | | |  
Db 3 ACTGTGTGAACATCA 17

RESULT 574  
US-08-241-387-13  
; Sequence 13, Application US/08241387  
; Patent No. 5589570  
; GENERAL INFORMATION:  
; APPLICANT: Tamura, Richard N.  
; APPLICANT: Quaranta, Vito  
; TITLE OF INVENTION: INTEGRIN ALPHA SUBUNIT CYTOPLASMIC  
; TITLE OF INVENTION: DOMAIN POLYPEPTIDES, ANTIBODIES AND METHODS  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: The Scripps Research Institute  
; STREET: 10666 No. 5589570th Torrey Pines Road, TPC-8  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: US  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/241,387  
; FILING DATE: 10-MAY-1994  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: USSN 07/695,564  
; FILING DATE: 03-MAY-1004  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fitting, Thomas  
; REGISTRATION NUMBER: 34,163  
; REFERENCE/DOCKET NUMBER: TSRI241.0D1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-554-2937  
; TELEFAX: 619-554-6312  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FEATURE:  
; NAME/KEY: misc feature  
; LOCATION: 1..19  
; OTHER INFORMATION: /standard name= "PCR PRIMER 1681"  
; OTHER INFORMATION: /note= "The primer corresponds to bp 2942-2960 of  
; OTHER INFORMATION: the ALPHA 6A cDNA sequence of SEQ ID NO:2."  
US-08-241-387-13

Query Match 0.8%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 3.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 881 ACTGTGGGAACATCA 895  
| | | | | | | | | |  
Db 3 ACTGTGTGAACATCA 17

RESULT 575  
US-09-297-911-24  
; Sequence 24, Application US/09297911  
; Patent No. 6355427  
; GENERAL INFORMATION:  
; APPLICANT:  
; APPLICANT:  
; APPLICANT:  
; APPLICANT:  
; APPLICANT:  
; APPLICANT:  
; TITLE OF INVENTION: DIAGNOSTIC ASSAY FOR BREAST CANCER  
; TITLE OF INVENTION: SUSCEPTIBILITY  
; NUMBER OF SEQUENCES: 25  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SIDLEY & AUSTIN  
; STREET: 717 N. Harwood, Suite 3400

; CITY: Dallas  
; STATE: Texas  
; COUNTRY: United States of America  
; ZIP: 75201  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/297,911  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hansen, Eugenia S.  
; REGISTRATION NUMBER: 31,966  
; REFERENCE/DOCKET NUMBER: 11146/08308  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (214) 981-3300  
; TELEFAX: (214) 981-3400  
; INFORMATION FOR SEQ ID NO: 24:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "DNA primer"  
; US-09-297-911-24

Query Match 0.8%; Score 13.4; DB 1; Length 19;  
Best Local Similarity 93.3%; Pred. No. 3.9e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 566 GCCTCCGCTGTCACA 580  
Db 2 GCCTCCGCTGTCACA 16

RESULT 576  
US-07-841-652-17  
; Sequence 17, Application US/07841652  
; Patent No. 5266459  
; GENERAL INFORMATION:  
; APPLICANT: Beutler, Ernest  
; TITLE OF INVENTION: GAUCHER'S DISEASE: DETECTION OF A NEW  
; TITLE OF INVENTION: MUTATION IN INTRON 2 OF THE GLUCOCEREBROSIDASE GENE  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: The Scripps Research Institute, Office of  
; ADDRESSEE: Patent Counsel  
; STREET: 10666 No. 5266459th Torrey Pines Road, TPC 8  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/841,652  
; FILING DATE: 19920224  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bingham, Douglas A  
; REGISTRATION NUMBER: 32,457  
; REFERENCE/DOCKET NUMBER: SCRO670P  
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 619-554-2937  
; TELEFAX: 619-554-6312  
; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; US-07-841-652-17

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 189 CAAGACCAATGTGC 203  
Db 2 CAAGACCAATGTGC 16

RESULT 577  
US-08-246-982A-25  
; Sequence 25, Application US/08246982A  
; Patent No. 5686288  
; GENERAL INFORMATION:  
; APPLICANT: MacDonald, Marcy E.  
; APPLICANT: Ambrose, Christine M.  
; APPLICANT: Duyao, Mabel P.  
; APPLICANT: Gusella, James F.  
; TITLE OF INVENTION: Huntingtin DNA, Protein And Uses Thereof  
; NUMBER OF SEQUENCES: 25  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
; STREET: 1100 New York Avenue  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/246,982A  
; FILING DATE: May 20, 1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Goldstein, Jorge, A.  
; REGISTRATION NUMBER: 29,021  
; REFERENCE/DOCKET NUMBER: 0609.3880002  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540  
; INFORMATION FOR SEQ ID NO: 25:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-08-246-982A-25

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 340 GACTTGAAGATGGG 354  
Db 3 GACTTGAAGATGGG 17

RESULT 578  
US-08-453-265-25  
; Sequence 25, Application US/08453265  
; Patent No. 5693757  
; GENERAL INFORMATION:  
; APPLICANT: MacDonald, Marcy E.  
; APPLICANT: Ambrose, Christine M.  
; APPLICANT: Duyao, Mabel P.  
; APPLICANT: Gusella, James F.  
; TITLE OF INVENTION: Huntingtin DNA, Protein And Uses Thereof  
; NUMBER OF SEQUENCES: 25  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
; STREET: 1100 New York Avenue  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/453,265  
; FILING DATE: 30-MAY-1995  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ludwig, Steven R.  
; REGISTRATION NUMBER: 36,203  
; REFERENCE/DOCKET NUMBER: 0609.3880003  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 371-2600  
; TELEFAX: (202) 371-2540  
; INFORMATION FOR SEQ ID NO: 25:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-453-265-25

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 340 GACITGAAGATGGG 354  
Db 3 GACITGAAGATGG 17

RESULT 579  
US-08-555-678-49/c  
; Sequence 49, Application US/08555678  
; Patent No. 5763174  
; GENERAL INFORMATION:  
; APPLICANT: Nishikura, Kazuko  
; TITLE OF INVENTION: RNA Editing Enzyme and Methods  
; TITLE OF INVENTION: of use Thereof  
; NUMBER OF SEQUENCES: 67  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Howson and Howson  
; STREET: Spring House Corporate Cntr, P.O. Box 457  
; CITY: Spring House  
; STATE: Pennsylvania  
; COUNTRY: USA  
; ZIP: 19477  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/555,678  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/197,794  
FILING DATE: 17-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/280,443  
FILING DATE: 25-JUL-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/457,459  
FILING DATE: 01-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Bak, Mary E.  
REGISTRATION NUMBER: 31,215  
REFERENCE/DOCKET NUMBER: WST49DUSA  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-540-9206  
TELEFAX: 215-540-5818  
INFORMATION FOR SEQ ID NO: 49:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: unknown  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "primer"  
US-08-555-678-49

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 377 CTTGAGCCAGTCCT 391  
Db 19 CTTGAGCCAGTCCT 5

RESULT 580  
US-08-531-556-60/c  
; Sequence 60, Application US/08531556  
; Patent No. 5776682  
; GENERAL INFORMATION:  
; APPLICANT: AgoulNIK, Alexander I  
; APPLICANT: Kent First, Marijo  
; APPLICANT: Muallem, Ariège  
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION  
; TITLE OF INVENTION: BATTERY  
; NUMBER OF SEQUENCES: 124  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: DeWitt Ross & Stevens, S.C.  
; STREET: 8000 Excelsior Drive, Suite 401  
; CITY: Madison  
; STATE: WI  
; COUNTRY: USA  
; ZIP: 53717-1914  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/531,556  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sara, Charles S.  
; REGISTRATION NUMBER: 30,492  
; REFERENCE/DOCKET NUMBER: 34506.034CIP  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 608-831-2100  
; TELEFAX: 608-831-2106  
; INFORMATION FOR SEQ ID NO: 60:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-531-556-60

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 18 ATGGACAGGAGTACA 32
Db 19 ATGGAAAGGAGTACA 5

RESULT 581
US-08-531-556-85
; Sequence 85, Application US/08531556
; Patent No. 5776682
; GENERAL INFORMATION:
; APPLICANT: Agoulnik, Alexander I
; APPLICANT: Kent First, Marijo
; APPLICANT: Mualelem, Arlege
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/531,556
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-531-556-85

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1574 CAGGCGAGGAGCTT 1588
Db 1 CAGGCGAGGAGCTT 15

RESULT 582
US-08-472-416-60/c
; Sequence 60, Application US/08472416
; Patent No. 5783390
```

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; GENERAL INFORMATION:
; APPLICANT: Agoulnik, A.
; APPLICANT: Kent, Marijo G.
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,416
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 34506.034
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 608-831-2100
; TELEFAX: 608-831-2106
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-472-416-60

Query Match 0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 18 ATGGACAGGAGTACA 32
Db 19 ATGGAAAGGAGTACA 5

RESULT 583
US-08-472-416-85
; Sequence 85, Application US/08472416
; Patent No. 5783390
; GENERAL INFORMATION:
; APPLICANT: Agoulnik, A.
; APPLICANT: Kent, Marijo G.
; TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION
; TITLE OF INVENTION: BATTERY
; NUMBER OF SEQUENCES: 94
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: WI
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,416
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
```

ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 34506.034  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 608-831-2100  
TELEFAX: 608-831-2106  
INFORMATION FOR SEQ ID NO: 85:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-472-416-85

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1574 CAGGCGAGCCAGCTT 1588  
|||||  
Db 1 CAGGCGAGCCAGCTT 15

RESULT 584  
US-08-753-979A-16/c  
Sequence 16, Application US/08753979A  
Patent No. 5840549  
GENERAL INFORMATION:  
APPLICANT: Kent First, Marijo  
APPLICANT: Mualem, Ariège  
TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION  
TITLE OF INVENTION: BATTERY  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DeWitt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: WI  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/753,979A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 34506.051  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 608-831-2100  
TELEFAX: 608-831-2106  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-753-979A-16

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 18 ATGGAAGGAATGCA 32  
|||||

Db 19 ATGGAAGGAATGCA 5  
RESULT 585  
US-08-753-979A-37  
Sequence 37, Application US/08753979A  
Patent No. 5840549  
GENERAL INFORMATION:  
APPLICANT: Kent First, Marijo  
APPLICANT: Mualem, Ariège  
TITLE OF INVENTION: MALE INFERTILITY Y-DELETION DETECTION  
TITLE OF INVENTION: BATTERY  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: DeWitt Ross & Stevens, S.C.  
STREET: 8000 Excelsior Drive, Suite 401  
CITY: Madison  
STATE: WI  
COUNTRY: USA  
ZIP: 53717-1914  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/753,979A  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Sara, Charles S.  
REGISTRATION NUMBER: 30,492  
REFERENCE/DOCKET NUMBER: 34506.051  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 608-831-2100  
TELEFAX: 608-831-2106  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-753-979A-37

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1574 CAGGCGAGCCAGCTT 1588  
|||||  
Db 1 CAGGCGAGCCAGCTT 15

RESULT 586  
US-09-286-904-65/c  
Sequence 65, Application US/09286904A  
Patent No. 6140124  
GENERAL INFORMATION:  
APPLICANT: Monia, Brett P.  
APPLICANT: Gaarde, William A.  
APPLICANT: Nero, Pamela S.  
APPLICANT: McKay, Robert  
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen  
FILE REFERENCE: ISPH-0347  
CURRENT APPLICATION NUMBER: US/09/286,904A  
CURRENT FILING DATE: 1999-04-06  
NUMBER OF SEQ ID NOS: 95  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 65  
LENGTH: 20  
TYPE: DNA

```
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: antisense sequence
US-09-286-904-65

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1638 GCAGCGGCTGGAGGG 1652
    |||||
Db 15 GCAGCGGCTGGAGGG 1

RESULT 587
US-09-428-696-48/c
/ Sequence 48, Application US/09428696
/ Patent No. 6165789
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
/ FILE REFERENCE: RTS-0111
/ CURRENT APPLICATION NUMBER: US/09/428,696
/ CURRENT FILING DATE: 1999-10-27
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 48
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-48

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 229 AGTGTGCTGGTGGGC 243
    |||||
Db 16 AGTGTGCTGGTGGGC 2

RESULT 588
US-09-428-696-78/c
/ Sequence 78, Application US/09428696
/ Patent No. 6165789
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION
/ FILE REFERENCE: RTS-0111
/ CURRENT APPLICATION NUMBER: US/09/428,696
/ CURRENT FILING DATE: 1999-10-27
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 78
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-428-696-78

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1115 ACATCCTGCTGGGT 1129
    |||||
Db 20 ACAACCTGCTGGGT 6

RESULT 589
US-09-517-584A-65
/ Sequence 65, Application US/09517584A
/ Patent No. 6187587
/ GENERAL INFORMATION:
/ APPLICANT: Ian Popoff
/ APPLICANT: Vickie L. Brown-Driver
/ APPLICANT: Lex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
/ FILE REFERENCE: RTS-0121
/ CURRENT APPLICATION NUMBER: US/09/517,584A
/ CURRENT FILING DATE: 2000-03-22
/ NUMBER OF SEQ ID NOS: 89
/ SEQ ID NO 65
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-65

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1161 GGGTGTGGCTGCAT 1175
    |||||
Db 5 GGGTGTGGCTGCAT 19

RESULT 590
US-09-050-159-36
/ Sequence 36, Application US/09050159A
/ Patent No. 6197505
/ GENERAL INFORMATION:
/ APPLICANT: No. 6197505berg, Leif T
/ APPLICANT: Andersson, Maria K
/ APPLICANT: Linstron, Per H
/ TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND
/ TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF
/ FILE REFERENCE: 1248/1D042
/ CURRENT APPLICATION NUMBER: US/09/050,159A
/ CURRENT FILING DATE: 1998-03-27
/ EARLIER APPLICATION NUMBER: 60/042,930
/ EARLIER FILING DATE: 1987-04-03
/ NUMBER OF SEQ ID NOS: 133
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 36
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-050-159-36

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1544 CCAGCCTTCGGTCTT 1558
    |||||
Db 4 CCAGCCTTCGGTCTT 18

RESULT 591
US-09-311-260-83/c
/ Sequence 83, Application US/09311260
/ Patent No. 6214555
/ GENERAL INFORMATION:
/ APPLICANT: Leushner, James
/ APPLICANT: Hui, May
/ APPLICANT: Dunn, James M.
/ APPLICANT: Lacroix, Jean-Michel
/ TITLE OF INVENTION: METHOD, COMPOSITIONS AND KIT FOR DETECTION OF
```

;; TITLE OF INVENTION: MICROORGANISMS AND BI-DIRECTIONAL SEQUENCING OF NUCLEIC ACID  
;; TITLE OF INVENTION: POLYMERS  
;; NUMBER OF SEQUENCES: 189  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Oppedahl & Larson LLP  
;; STREET: P.O. Box 5270  
;; CITY: Frisco  
;; STATE: CO  
;; COUNTRY: US  
;; ZIP: 80443-5270  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage  
;; COMPUTER: IBM compatible  
;; OPERATING SYSTEM: MS DOS  
;; SOFTWARE: Word Perfect  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/311,260  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Larson, Marina T.  
;; REGISTRATION NUMBER: 32,038  
;; REFERENCE/DOCKET NUMBER: VGEN.P-058-US  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (970) 668-2050  
;; TELEFAX: (970) 668-2082  
;; TELEX:  
;; INFORMATION FOR SEQ ID NO: 83:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20  
;; TYPE: nucleic acid  
;; STRANDEDNESS: double  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: other nucleic acid  
;; HYPOTHETICAL: no  
;; ANTI-SENSE: yes  
;; FRAGMENT TYPE: internal  
US-09-311-260-83  
  
Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1278 GTGCCCGAGGATCCT 1292  
Db 16 GTGTCGAGGATCCT 2  
  
RESULT 592  
US-09-457-474-1/c  
; Sequence 1, Application US/09457474  
; Patent No. 6231607  
; GENERAL INFORMATION:  
; APPLICANT: Tsen, Hwa-Yang  
; APPLICANT: Lin, Jer-Sheng  
; TITLE OF INVENTION: PCR Primers for the Rapid and Specific Detection of  
; TITLE OF INVENTION: Salmonella typhimurium  
; FILE REFERENCE: Tsen 09/457474  
; CURRENT APPLICATION NUMBER: US/09/457,474  
; CURRENT FILING DATE: 1999-12-09  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: Patent in Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer  
US-09-457-474-1

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1237 CACTTCATCTCCGT 1251  
Db 20 CACTTCACACTTCCGT 6  
  
RESULT 593  
US-09-662-249A-12  
; Sequence 12, Application US/09662249A  
; Patent No. 6277636  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MADH6 EXPRESSION  
; FILE REFERENCE: RTS-0181  
; CURRENT APPLICATION NUMBER: US/09/662,249A  
; CURRENT FILING DATE: 2000-09-13  
; NUMBER OF SEQ ID NOS: 49  
; SEQ ID NO 12  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-662-249A-12  
  
Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1625 GAGGCCCGAGCAGGC 1639  
Db 4 GAGGCCACAGCAGGC 18  
  
RESULT 594  
US-09-662-249A-13  
; Sequence 13, Application US/09662249A  
; Patent No. 6277636  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF MADH6 EXPRESSION  
; FILE REFERENCE: RTS-0181  
; CURRENT APPLICATION NUMBER: US/09/662,249A  
; CURRENT FILING DATE: 2000-09-13  
; NUMBER OF SEQ ID NOS: 49  
; SEQ ID NO 13  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-662-249A-13  
  
Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1625 GAGGCCCGAGCAGGC 1639  
Db 6 GAGGCCACAGCAGGC 20  
  
RESULT 595  
US-09-277-078-40/c  
; Sequence 40, Application US/09277078  
; Patent No. 6312949  
; GENERAL INFORMATION:  
; APPLICANT: Sakurada, Kazuhiro



RESULT 597  
US-07-711-303-1  
; Sequence 1, Application US/07711303  
; Patent No. 6337182  
; GENERAL INFORMATION:  
; APPLICANT: Cerutti, Peter A.  
; APPLICANT: Felley-Bosco, Emanuela

Patent No. 6337182  
GENERAL INFORMATION:  
APPLICANT: Cerutti, Peter A.  
APPLICANT: Felley-Bosco, Emanuela  
APPLICANT: Sandy, Martha  
APPLICANT: Amstad, Paul  
APPLICANT: Zijlstra, Jacob  
APPLICANT: Pourzand, Charareh  
TITLE OF INVENTION: Method for the Quantitative  
Determination of DNA Sequences  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
ADDRESSEE: Dunner  
STREET: 1300 I Street, N.W. Suite 700  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA

ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/711,303  
FILING DATE: 19910606  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 90110907.4  
FILING DATE: 08-JUN-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Lavin Jr., Lawrence M.  
REGISTRATION NUMBER: 30,768  
REFERENCE/DOCKET NUMBER: 2481-1081  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 408-4400  
TELEFAX: (202) 408-4400  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-07-711-303-6

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 970 CTACACGAGACCTC 984  
|||||  
DB 5 CTACACGAGACCTC 19

RESULT 599  
US-07-711-303-8  
Sequence 8, Application US/07711303  
Patent No. 6337182  
GENERAL INFORMATION:  
APPLICANT: Cerutti, Peter A.  
APPLICANT: Felley-Bosco, Emanuela  
APPLICANT: Sandy, Martha  
APPLICANT: Amstad, Paul  
APPLICANT: Zijlstra, Jacob  
APPLICANT: Pourand, Charareh  
TITLE OF INVENTION: Method for the Quantitative  
Determination of DNA Sequences  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
ADDRESSEE: Dunner  
STREET: 1300 I Street, N.W. Suite 700  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20005-3315  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/711,303  
FILING DATE: 19910606  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 90110907.4  
FILING DATE: 08-JUN-1990  
ATTORNEY/AGENT INFORMATION:

NAME: Lavin Jr., Lawrence M.  
REGISTRATION NUMBER: 30,768  
REFERENCE/DOCKET NUMBER: 2481-1081  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 408-4400  
TELEFAX: (202) 408-4400  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-07-711-303-8

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 970 CTACACGAGACCTC 984  
|||||  
DB 5 CTACACGAGACCTC 19

RESULT 600  
US-09-702-251-26  
Sequence 26, Application US/09702251  
Patent No. 6372492  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION  
FILE REFERENCE: RTS-0199  
CURRENT APPLICATION NUMBER: US/09/702,251  
CURRENT FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 89  
SEQ ID NO 26  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-251-26

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1537 AAGGAGCCAGCCTT 1551  
|||||  
DB 1 AAGGAGCCAGCCTT 15

RESULT 601  
US-09-851-520-44/c  
Sequence 44, Application US/09851520  
Patent No. 6399379  
GENERAL INFORMATION:  
APPLICANT: Brenda F. Baker  
APPLICANT: Susan M. Freier  
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P35 SUBUNIT EXPRESSION  
FILE REFERENCE: RTS-0241  
CURRENT APPLICATION NUMBER: US/09/851,520  
CURRENT FILING DATE: 2001-05-07  
NUMBER OF SEQ ID NOS: 88  
SEQ ID NO 44  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-851-520-44

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 337 GAGGACTTGAGATG 351  
DB 19 GAAGACTTGAAGATG 5

RESULT 602  
US-09-640-101-65/C  
; Sequence 65, Application US/09640101  
; Patent No. 6448079  
; GENERAL INFORMATION:  
; APPLICANT: Monia, Brett P.  
; APPLICANT: Gaarde, William A.  
; APPLICANT: Nerc, Pamela S.  
; APPLICANT: McKay, Robert  
; TITLE OF INVENTION: Antisense Modulation of p38 Mitogen  
; FILE REFERENCE: ISPH-0488  
; CURRENT APPLICATION NUMBER: US/09/640,101  
; PRIOR FILING DATE: 2000-08-15  
; PRIOR APPLICATION NUMBER: 09/286,904  
; NUMBER OF SEQ ID NOS: 107  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 65  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
US-09-640-101-65

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1638 GCAGCGGCTGGAGGG 1652  
DB 15 GCAGCGGCTGCAGGG 1

RESULT 603  
US-09-659-845A-106  
; Sequence 106, Application US/09659845A  
; Patent No. 6492170  
; GENERAL INFORMATION:  
; APPLICANT: Hong Zhang  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 9 EXPRESSION  
; FILE REFERENCE: RTS-0183  
; CURRENT APPLICATION NUMBER: US/09/659,845A  
; CURRENT FILING DATE: 2001-07-23  
; NUMBER OF SEQ ID NOS: 174  
; SEQ ID NO 106  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-659-845A-106

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 733 GCACCTGACGCC 747  
DB 1 GCACCTGACGCC 15

RESULT 604  
US-09-422-978-7238/C  
; Sequence 7238, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET 020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7238  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..20  
; OTHER INFORMATION: upstream amplification primer 99-3109 for SEQ 3304,  
US-09-422-978-7238

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1235 TACACTTCATCTCC 1249  
DB 17 TTCACTTCATCTCC 3

RESULT 605  
US-09-198-452A-2555  
; Sequence 2555, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Grifffais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmer  
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, pre  
; TITLE OF INVENTION: and treatment of infection  
; FILE REFERENCE: 9710-003-999  
; CURRENT APPLICATION NUMBER: US/09/198,452A  
; CURRENT FILING DATE: 1998-11-24  
; NUMBER OF SEQ ID NOS: 6849  
; SEQ ID NO 2555  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Chlamydia pneumoniae  
US-09-198-452A-2555

Query Match 0.8%; Score 13.4; DB 1; Length 20;  
Best Local Similarity 93.3%; Pred. No. 4.3e+02;  
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1224 GGAGGACAGCTACA 1238  
DB 1 GGAGGACAGCTACA 15

RESULT 606  
US-09-198-452A-5490/C  
; Sequence 5490, Application US/09198452A  
; Patent No. 6559294  
; GENERAL INFORMATION:  
; APPLICANT: Grifffais, R.  
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragmer

```
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention,
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5490
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-5490

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 778 AAACAGCCCAACATC 792
   |||||
Db 20 AAACATGCCCAACATC 6

RESULT 607
US-09-679-299A-53
; Sequence 53, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-53

Query Match          0.8%; Score 13.4; DB 1; Length 20;
Best Local Similarity 93.3%; Pred. No. 4.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1628 GCCCAGCAGGCAGC 1642
   |||||
Db 6 GCTCCAGCAGGCAGC 20

RESULT 608
US-08-009-263C-36/c
; Sequence 36, Application US/08009263C
; Patent No. 5442049
; GENERAL INFORMATION:
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker
; TITLE OF INVENTION: Oligonucleotides for Modulating the
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5442049ris
; STREET: One Liberty Place -- 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
```

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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/009,263C
; FILING DATE: January 25, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 927,506
; FILING DATE: No. 5442049ember 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0844
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-009-263C-36

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATCAAGAAGATCAAA 147
   |||||
Db 18 CGCAAGAGAGAGAGCAAA 1

RESULT 609
US-08-050-073-174/c
; Sequence 174, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,073
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Petry, Douglas A.
; REGISTRATION NUMBER: 35,321
; REFERENCE/DOCKET NUMBER: 8769
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2974
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
```

;  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: genomic DNA  
US-08-050-073-174

Query Match 0.8%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 957 CCGGACAGAGGCTCTACA 974  
Db 18 CCGACAGAGGCTCTACA 1

## RESULT 610

US-08-432-871C-30  
; Sequence 30, Application US/08432871C  
; Patent No. 5877010  
; GENERAL INFORMATION:

; APPLICANT: Loeb, Lawrence A.  
; APPLICANT: Black, Margaret E.  
; TITLE OF INVENTION: THYMIDINE KINASE MUTANTS  
; NUMBER OF SEQUENCES: 104  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092

## COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/432,871C  
; FILING DATE: 02-MAY-1995  
; CLASSIFICATION: 514

## ATTORNEY/AGENT INFORMATION:

; NAME: McWaters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 240052.409C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; TELEX: 3723836

## INFORMATION FOR SEQ ID NO: 30:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-432-871C-30

Query Match 0.8%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 850 CTGGACAGGACCTGAG 867  
Db 1 CTGGACCTGGACCTGCAG 18

## RESULT 611

US-09-156-425-22/c  
; Sequence 22, Application US/09156425B  
; Patent No. 5962671  
; GENERAL INFORMATION:

; APPLICANT: Baker, Brenda F.  
; APPLICANT: Cowsett, Lex M.

;  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAN EXPRESSION  
; FILE REFERENCE: RTS-0009  
; CURRENT APPLICATION NUMBER: US/09/156,425B  
; CURRENT FILING DATE: 1998-09-18  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 22  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-156-425-22

Query Match 0.8%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1532 TACAAAAGGAGCCAGCC 1549  
Db 18 TACAAAAGGAGCCAGCC 1

## RESULT 612

US-08-461-286-15/c

; Sequence 15, Application US/08461286  
; Patent No. 5989849  
; GENERAL INFORMATION:

; APPLICANT: Gewirtz, Alan M.

; APPLICANT: Calabretta, Bruno

; TITLE OF INVENTION: Antisense Oligonucleotides to C-kit  
; TITLE OF INVENTION: Proto-oncogene and Uses Thereof

; NUMBER OF SEQUENCES: 18

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Temple University - of the Commonwealth

; ADDRESSEE: System of Higher Education

; STREET: 406 University Services Building

; CITY: Philadelphia

; STATE: Pennsylvania

; COUNTRY: U.S.A.

; ZIP: 19122

## COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb

; COMPUTER: IBM PS/2

; OPERATING SYSTEM: MS-DOS

; SOFTWARE: WordPerfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/461,286

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/129,123

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Monaco, Daniel A.

; REGISTRATION NUMBER: 30,480

; REFERENCE/DOCKET NUMBER: 6056-129

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-8383

; TELEFAX: (215) 568-5549

; TELEX: No. 5989849e

; INFORMATION FOR SEQ ID NO: 15:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18 Nucleotides

; TYPE: nucleic acid

; STRANDEDNESS: single stranded

; TOPOLOGY: linear

US-08-461-286-15

Query Match 0.8%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 953 GCCACCGGAGGAGGTGC 970

Db 18 GCGACTGCGACAGCGTCT 1  
|||||

## RESULT 613

US-09-106-038A-70/c

; Sequence 70, Application US/09106038A

; Patent No. 6007995

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker and Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1

; NUMBER OF SEQUENCES: 91

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Isis Pharmaceuticals, Inc.

; STREET: 2292 Faraday Avenue

; CITY: Carlsbad

; STATE: CA

; COUNTRY: U.S.A.

; ZIP: 92008

; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: Windows NT

; SOFTWARE: Microsoft Word 97

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/106,038A

; FILING DATE: June 26, 1998

; CLASSIFICATION: 514

; ATTORNEY/AGENT INFORMATION:

; NAME: Laurel Spear Bernstein

; REGISTRATION NUMBER: 37,280

; REFERENCE/DOCKET NUMBER: RTS-0004

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (760) 931-9200

; TELEFAX: (760) 603-3820

; INFORMATION FOR SEQ ID NO: 70:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 18

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-106-038A-70

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 4e+02; 3; Indels 0;

Matches 15; Conservative 0; Mismatches 0; Gaps 0;

Qy 981 CCTCAAGCCCGACGACT 998

|||||

Db 18 CCACAGCCACAGAGCT 1

## RESULT 614

US-09-205-921-31/c

; Sequence 31, Application US/09205921A

; Patent No. 6008048

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: ex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION

; FILE REFERENCE: RTS-0028

; CURRENT APPLICATION NUMBER: US/09/205,921A

; CURRENT FILING DATE: 1998-12-04

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 31

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-205-921-31

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 4e+02; 3; Indels 0;

Matches 15; Conservative 0; Mismatches 0; Gaps 0;

Qy 17 GATGGACAGGAATGCAGA 34

|||||

Db 18 GAAGGACAGAAAGCAGA 1

|||||

## RESULT 615

US-09-339-993-30/c

; Sequence 30, Application US/09339993A

; Patent No. 6040179

; GENERAL INFORMATION:

; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION

; FILE REFERENCE: RTS-0084

; CURRENT APPLICATION NUMBER: US/09/339,993A

; CURRENT FILING DATE: 1999-06-25

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 30

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-339-993-30

Query Match 0.8%; Score 13.2; DB 1; Length 18;

Best Local Similarity 83.3%; Pred. No. 4e+02; 3; Indels 0;

Matches 15; Conservative 0; Mismatches 0; Gaps 0;

Qy 457 GAGGACATCAACAAGCC 474

|||||

Db 18 GAGGACCTGATAAGCC 1

|||||

## RESULT 616

US-08-908-643C-70/c

; Sequence 70, Application US/08908643C

; Patent No. 6120995

; GENERAL INFORMATION:

; APPLICANT: Waldman, Scott A.

; Pearlman, Joshua M.

; Barber, Michael T.

; Schultz, Stephanie

; Parkinson, Scott J.

; TITLE OF INVENTION: COMPOSITIONS THAT SPECIFICALLY BIND TO

; COLORECTAL CANCER CELLS AND METHODS OF

; USING THE SAME

; NUMBER OF SEQUENCES: 85

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &amp; No. 6120995RIS LLP

; STREET: One Liberty Place - 46th Floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: U.S.A.

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/908,643C

; FILING DATE: 07-Aug-1997

; CLASSIFICATION: N/A

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: &lt;Unknown&gt;

; FILING DATE: &lt;Unknown&gt;

; ATTORNEY/AGENT INFORMATION:

; NAME: Mark Deluca

; REGISTRATION NUMBER: 33,229

```
;
; REFERENCE/DOCKET NUMBER: TJU-2209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 70:
US-08-908-643C-70

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 876 GGATGACTGTGGGAACAT 893
Db 18 GGAGGAATGTGGGACCAT 1

RESULT 617
US-09-173-941-112/c
; Sequence 112, Application US/09173941
; Patent No. 6140081
; GENERAL INFORMATION:
; APPLICANT: BARBAS, Carlos F.
; TITLE OF INVENTION: ZINC FINGER BINDING DOMAINS FOR GNN
; FILE REFERENCE: NOV00815
; CURRENT APPLICATION NUMBER: US/09/173,941
; CURRENT FILING DATE: 1998-10-16
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 112
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: target
US-09-173-941-112

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1094 CACTGTGGTACCGGCCCC 1111
Db 18 CACTGGCGCTCCGGCCCC 1

RESULT 618
US-08-838-715B-36/c
; Sequence 36, Application US/08838715B
; Patent No. 6153595
; GENERAL INFORMATION:
; APPLICANT: Draper, Chapman, Kisner, Anderson
; TITLE OF INVENTION: Composition and Method for Treatment
; TITLE OF INVENTION: of CMV Infection
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata, Esq.
; STREET: 66 E. Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
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```
;
; APPLICATION NUMBER: US/08/838,715B
; FILING DATE: April 9, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/568,366
; FILING DATE: 8/16/90
; APPLICATION NUMBER: 07/927,506
; FILING DATE: 11/19/92
; APPLICATION NUMBER: 08/009,263
; FILING DATE: 1/25/93
; APPLICATION NUMBER: 08/233,711
; FILING DATE: 4/26/94
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0204
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHEICAL: NO
; ANTI-SENSE: YES
US-08-838-715B-36

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGATGAGAGAGATCAAA 147
Db 18 CGCAGAGAGAGAGCAAA 1

RESULT 619
US-08-891-292A-78
; Sequence 78, Application US/08891292A
; Patent No. 6312892
; GENERAL INFORMATION:
; APPLICANT: Barary, Francis
; APPLICANT: Luo, Jianying
; APPLICANT: Khanna, Marilyn
; APPLICANT: Bergstrom, Donald E.
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY
; FILE REFERENCE: 19603/457
; CURRENT APPLICATION NUMBER: US/08/891,292A
; CURRENT FILING DATE: 1997-07-10
; PRIOR APPLICATION NUMBER: 60/022,535
; PRIOR FILING DATE: 1996-07-19
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer for
; OTHER INFORMATION: PCR or LDR
US-08-891-292A-78

Query Match 0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 991 CAGAACCTCTCATCAAC 1008
Db 1 CAGAACCTCTCATCAAC 18
```

RESULT 620  
US-08-584-040-3042/c  
; Sequence 3042, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 3042:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-3042  
Query Match 0.8%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 0;  
QY 1465 AGTCTGGGGGCGGAGTC 1482  
DB 18 AGTCTGGGGGCGGAGC 1

RESULT 621  
US-09-167-109-109  
; Sequence 109, Application US/09167109  
; Patent No. 6399297  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda F.  
; APPLICANT: Cowsett, Lex M.  
; APPLICANT: Monia, Brett P.  
; APPLICANT: Xu, Xiaoxing S.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION

; FILE REFERENCE: ISPH-0321  
; CURRENT APPLICATION NUMBER: US/09/167,109  
; CURRENT FILING DATE: 1998-10-06  
; NUMBER OF SEQ ID NOS: 228  
; SEQ ID NO 109  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
US-09-167-109-109  
Query Match 0.8%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 0;  
QY 557 TCAGCCGCGCCTCCGTC 574  
DB 1 TCTGCGCTTCTCCGTC 18

RESULT 622  
US-09-270-956-30  
; Sequence 30, Application US/09270956  
; Patent No. 6451571  
; GENERAL INFORMATION:  
; APPLICANT: Loeb, Lawrence A.  
; APPLICANT: Black, Margaret E.  
; TITLE OF INVENTION: THYMIDINE KINASE MUTANTS  
; NUMBER OF SEQUENCES: 104  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/270,956  
; FILING DATE: 17-MAR-1999  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McMasters, David D.  
; REGISTRATION NUMBER: 33,963  
; REFERENCE/DOCKET NUMBER: 240052.409C3  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; TELEX: 3723836  
; INFORMATION FOR SEQ ID NO: 30:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-270-956-30  
Query Match 0.8%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 0;  
QY 850 CTGGACAAGGACCTGAAG 867  
DB 1 CTGGACGTGGACCTGCAG 18

RESULT 623  
US-09-250-609-56/c



STATE: Pennsylvania

RESULT 627  
US-09-422-978-7245/c

; Sequence 7245, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 7245  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-3153 for SEQ 3311,  
US-09-422-978-7245

Query Match 0.8%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. NO. 4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1521 GGAGATTACAGCTACAAA 1538  
DB 18 GGAGATTACAGACAGAA 1

RESULT 628  
US-09-422-978-11482  
; Sequence 11482, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 11482  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: downstream amplification primer 99-7696 for SEQ 3617, in compleme  
US-09-422-978-11482

Query Match 0.8%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. NO. 4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1225 GAGGACAGCTACATTC 1242  
DB 1 GATGACATCTACATTC 18

## RESULT 629

US-09-371-772B-1470/c  
; Sequence 1470, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MEH800.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1470  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1470

Query Match 0.8%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. NO. 4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1465 AGTCGGGGGAGCGGATC 1482  
DB 18 AGTCGGGGGCGGGAGC 1

## RESULT 630

US-09-927-737C-78  
; Sequence 78, Application US/09927737C  
; Patent No. 6576453  
; GENERAL INFORMATION:  
; APPLICANT: Barany, Francis  
; APPLICANT: Luo, Jianying  
; APPLICANT: Khanna, Marilyn  
; APPLICANT: Bergstrom, Donald E.  
; TITLE OF INVENTION: HIGH FIDELITY DETECTION OF NUCLEIC ACID DIFFERENCES BY  
; FILE REFERENCE: 19603/459  
; CURRENT APPLICATION NUMBER: US/09/927,737C  
; CURRENT FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 60/022,535  
; PRIOR FILING DATE: 1996-07-19  
; PRIOR APPLICATION NUMBER: 08/891,292  
; PRIOR FILING DATE: 1997-07-19  
; NUMBER OF SEQ ID NOS: 97  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 78  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer for  
; OTHER INFORMATION: PCR of LDR  
US-09-927-737C-78

Query Match 0.8%; Score 13.2; DB 1; Length 18;  
Best Local Similarity 83.3%; Pred. NO. 4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 991 CAGAACCTGCTCATCAC 1008  
DB 1 CAGAACCTCTCTACCATC 18

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; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-2 EXPRESSION
; FILE REFERENCE: RTS-0033
; CURRENT APPLICATION NUMBER: US/09/663,834A
; CURRENT FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 34
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-663-834A-34

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      651 TGGCACAGTCTTACAAGG 668
      ||||| ||||| ||||| |||||
Db       18 TGGCACAGTCTTACAAGG 1

RESULT 634
US-09-456-222B-16/c
; Sequence 16, Application US/09456222B
; Patent No. 6630301
; GENERAL INFORMATION:
; APPLICANT: Gocke, Christopher D.
; Koperski, Michael S.
; TITLE OF INVENTION: Detection of Extracellular Tumor-Associated Nucleic
; Acid in Blood Plasma or Serum
; Using Amplification Assays
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Intellectual Property Office,
; The Pennsylvania State University
; STREET: 113 Technology Center
; CITY: University Park
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 16802
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/456,222B
; FILING DATE: 07-Dec-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: <Unknown>
; REGISTRATION NUMBER: <Unknown>
; REFERENCE/DOCKET NUMBER: 97,078-E
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: <Unknown>
; TELEFAX: <Unknown>
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-456-222B-16

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      270 ACGTGCTGCTCTCTGGGGA 287

```

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; TITLE OF INVENTION: ZINC FINGER BINDING DOMAINS FOR GNN
; FILE REFERENCE: TSRI 645.2
; CURRENT APPLICATION NUMBER: US/09/494,190
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: EP/99/07742
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: US 09/173,941
; PRIOR FILING DATE: 1998-10-16
; NUMBER OF SEQ ID NOS: 126
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 112
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthesized
US-09-494-190-112

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1094 CACTGTGGTACCGGCCCC 1111
      ||||| ||||| ||||| |||||
Db       18 CACTGGGCTCCGGGCCCC 1

RESULT 632
US-09-494-190-121/c
; Sequence 121, Application US/09494190
; Patent No. 6610512
; GENERAL INFORMATION:
; APPLICANT: BARBAS, Carlos F.
; TITLE OF INVENTION: ZINC FINGER BINDING DOMAINS FOR GNN
; FILE REFERENCE: TSRI 645.2
; CURRENT APPLICATION NUMBER: US/09/494,190
; CURRENT FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: EP/99/07742
; PRIOR FILING DATE: 1999-10-14
; PRIOR APPLICATION NUMBER: US 09/173,941
; PRIOR FILING DATE: 1998-10-16
; NUMBER OF SEQ ID NOS: 126
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 121
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-494-190-121

Query Match          0.8%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4e+02; 3; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1094 CACTGTGGTACCGGCCCC 1111
      ||||| ||||| ||||| |||||
Db       18 CACTGGGCTCCGGGCCCC 1

RESULT 633
US-09-663-834A-34/c
; Sequence 34, Application US/09663834A
; Patent No. 6613567
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowseert

```



APPLICATION NUMBER: US/08/473,096  
FILING DATE: June 7, 1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Greenfield, Michael S.  
REGISTRATION NUMBER: 37,142  
REFERENCE/DOCKET NUMBER: 95,606  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (312)715-1000  
TELEFAX: (312)715-1234  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 monomers  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-473-096-18

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 826 TCCTCACCTGTCCTT 843  
DB 18 TCTCTCACCTGTCCTT 1

RESULT 639  
US-08-379-680-7  
Sequence 7, Application US/08379680  
Patent No. 5702890  
GENERAL INFORMATION:  
APPLICANT: Housman, David E.  
TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES  
TITLE OF INVENTION: OF GENES AS A BASIC FOR CANCER  
TITLE OF INVENTION: THERAPEUTIC AGENTS  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
SUITE: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/379,680  
FILING DATE: Apr 14, 1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/08473  
FILING DATE: July 26, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 223/112  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
US-08-379-680-7

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1438 GATGCCATGAACATCCA 1455  
DB 1 GAAGCATGATCACCCA 18

RESULT 640  
US-08-117-952-64/c  
Sequence 64, Application US/08117952  
Patent No. 5851760  
GENERAL INFORMATION:  
APPLICANT: Evans, Glen A.  
APPLICANT: Smith, Michael W.  
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES  
NUMBER OF SEQUENCES: 797  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark  
STREET: 444 South Flower Street, Suite 2000  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/117,952  
FILING DATE: 07-SEP-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,471  
FILING DATE: 15-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Reiter, Stephen E.  
REGISTRATION NUMBER: 31,192  
REFERENCE/DOCKET NUMBER: P41 9423  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-546-4737  
TELEFAX: 619-546-3392  
INFORMATION FOR SEQ ID NO: 64:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Oligonucleotide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-117-952-64

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1395 CAAGCTGTTGCAGTTGA 1412  
DB 18 CAGGCTGTTTCAGTTGA 1

RESULT 641  
US-08-899-811-11  
Sequence 11, Application US/08899811  
Patent No. 5876942  
GENERAL INFORMATION:

APPLICANT: CHENG, WINSTON T.K.  
APPLICANT: CHOO, KONG-BUNG  
APPLICANT: HU, CHE-LIN  
APPLICANT: WANG, CHIH-HUA  
APPLICANT: CHEN, CHUAN-MU  
TITLE OF INVENTION: A PROCESS FOR SEXING COW EMBRYOS  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BACON & THOMAS  
STREET: 625 SLATERS LANE - FOURTH FLOOR  
CITY: ALEXANDRIA  
STATE: VIRGINIA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/899,811  
FILING DATE: 24-JUL-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: FICHTER, RICHARD E.  
REGISTRATION NUMBER: 26,382  
REFERENCE/DOCKET NUMBER: REF/CHEN/881  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-683-0500  
TELEFAX: 703-683-1080  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-899-811-11

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 180 AGCATAGACAGACCAA 197  
Db 1 AGCAACAGACAGACCAA 18

RESULT 642  
US-08-899-811-13  
Sequence 13, Application US/08899811  
Patent No. 5876942  
GENERAL INFORMATION:  
APPLICANT: CHENG, WINSTON T.K.  
APPLICANT: CHOO, KONG-BUNG  
APPLICANT: HU, CHE-LIN  
APPLICANT: WANG, CHIH-HUA  
APPLICANT: CHEN, CHUAN-MU  
TITLE OF INVENTION: A PROCESS FOR SEXING COW EMBRYOS  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BACON & THOMAS  
STREET: 625 SLATERS LANE - FOURTH FLOOR  
CITY: ALEXANDRIA  
STATE: VIRGINIA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/899,811  
FILING DATE: 24-JUL-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: FICHTER, RICHARD E.  
REGISTRATION NUMBER: 26,382  
REFERENCE/DOCKET NUMBER: REF/CHEN/881  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-683-0500  
TELEFAX: 703-683-1080  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-899-811-11

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 180 AGCATAGACAGACCAA 197  
Db 1 AGCAACAGACAGACCAA 18

RESULT 642  
US-08-899-811-13  
Sequence 13, Application US/08899811  
Patent No. 5876942  
GENERAL INFORMATION:  
APPLICANT: CHENG, WINSTON T.K.  
APPLICANT: CHOO, KONG-BUNG  
APPLICANT: HU, CHE-LIN  
APPLICANT: WANG, CHIH-HUA  
APPLICANT: CHEN, CHUAN-MU  
TITLE OF INVENTION: A PROCESS FOR SEXING COW EMBRYOS  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BACON & THOMAS  
STREET: 625 SLATERS LANE - FOURTH FLOOR  
CITY: ALEXANDRIA  
STATE: VIRGINIA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/899,811  
FILING DATE: 24-JUL-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: FICHTER, RICHARD E.  
REGISTRATION NUMBER: 26,382  
REFERENCE/DOCKET NUMBER: REF/CHEN/881  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-683-0500  
TELEFAX: 703-683-1080  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-899-811-11

APPLICATION NUMBER: US/08/899,811  
FILING DATE: 24-JUL-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: FICHTER, RICHARD E.  
REGISTRATION NUMBER: 26,382  
REFERENCE/DOCKET NUMBER: REF/CHEN/881  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-683-0500  
TELEFAX: 703-683-1080  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-899-811-13

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 180 AGCATAGACAGACCAA 197  
Db 1 AGCAACAGACAGACCAA 18

RESULT 643  
US-08-473-020A-17  
Sequence 17, Application US/08473020A  
Patent No. 5877273  
GENERAL INFORMATION:  
APPLICANT: Hance, Allan J  
APPLICANT: Grandchamp-Desraux, Bernard  
APPLICANT: Levy-Frebault, Veronique  
APPLICANT: Gicquel, Brigitte  
TITLE OF INVENTION: Nucleotide sequences of actinomycetales,  
applications to the synthesis or detection of nucleic  
acids, products of expression of such sequences and  
application as immunogenic compositions.  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Walter H. Dreger  
STREET: 4 Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/473,020A  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/623,729  
FILING DATE: 14-DEC-1990  
ATTORNEY/AGENT INFORMATION:  
NAME: Dreger, Walter H  
REGISTRATION NUMBER: 24190  
REFERENCE/DOCKET NUMBER: A54435  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 998-3249  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-473-020A-17

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 762 CCTGCTCAGAGGACCTCAA 779  
|||||  
Db 1 CCTGCTCAGAGGCGCCAA 18

## RESULT 644

US-08-810-599-53/c  
Sequence 53, Application US/08810599  
Patent No. 5976798

## GENERAL INFORMATION:

APPLICANT: PARKER, W. Davis  
APPLICANT: HERNSTADT, Corinna  
APPLICANT: GHOSH, Soumitra S.  
APPLICANT: FAHY, Boi

TITLE OF INVENTION: Methods for Detecting Mitochondrial Mutations  
TITLE OF INVENTION: Diagnostic for Alzheimer's Disease and Methods for Determining  
TITLE OF INVENTION: of Mitochondrial Nucleic Acid

NUMBER OF SEQUENCES: 82

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Kenyon & Kenyon  
STREET: 1025 Connecticut Avenue, N.W., Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: US  
ZIP: 20036

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.25" Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Wordperfect 6.1 for Windows

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/810,599  
FILING DATE: Concurrent Herewith  
CLASSIFICATION: 436

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/757,438  
FILING DATE: 27 No. 5976798 1996  
APPLICATION NUMBER: US 08/614,072  
FILING DATE: 12 Mar 1996  
APPLICATION NUMBER: US 08/536,036  
FILING DATE: 29 Sep 1995  
APPLICATION NUMBER: US 08/414,969  
FILING DATE: 31 Mar 1995  
APPLICATION NUMBER: US 08/413,740  
FILING DATE: 30 Mar 1995  
APPLICATION NUMBER: US 08/410,658  
FILING DATE: 24 MARCH 1995  
APPLICATION NUMBER: US 08/397,808  
FILING DATE: 3 Mar 1995  
APPLICATION NUMBER: US 08/219,842  
FILING DATE: 30 MARCH 1994

## ATTORNEY/AGENT INFORMATION:

NAME: Toffenetti, Judith L.  
REGISTRATION NUMBER: 39,048  
REFERENCE/DOCKET NUMBER: 2105/17  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-429-1776  
TELEFAX: 202-429-0796

## INFORMATION FOR SEQ ID NO: 53:

SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear

MOLECULE TYPE: other nucleic acid

HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-810-599-53

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1151 TTGACATGTGGGTGTGG 1168  
|||||  
Db 19 TGGACAGGTGTGTGTGG 2

## RESULT 645

US-08-967-454-7  
Sequence 7, Application US/08967454  
Patent No. 6054273

## GENERAL INFORMATION:

APPLICANT: Housman, David E.  
TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES  
TITLE OF INVENTION: OF GENES AS A BASIC FOR CANCER  
TITLE OF INVENTION: THERAPEUTIC AGENTS

NUMBER OF SEQUENCES: 12

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

## COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/967,454  
FILING DATE: No. 6054273ember 11, 1997  
CLASSIFICATION: 435

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/379,680  
FILING DATE: April 4, 1995  
CLASSIFICATION: 435  
APPLICATION NUMBER: PCT/US94/08473

## ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/239  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

## INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-967-454-7

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1438 GATGCCATGAACATCCA 1455  
|||||  
Db 1 GAAGCCATGAATCACCAC 18

## RESULT 646

US-09-192-104-6/c  
; Sequence 6, Application US/09192104B  
; Patent No. 6184020  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Blinkovsky  
; APPLICANT: Tony Byun  
; APPLICANT: Alan V. Klotz  
; APPLICANT: Alan Sloma  
; APPLICANT: Maria Tang  
; APPLICANT: Mikio Fujii  
; APPLICANT: Chigusa Marumoto  
; APPLICANT: Lene Venke Kofod  
; TITLE OF INVENTION: Polypeptides Having Amino-peptidase  
; TITLE OF INVENTION: Activity And Nucleic Acids Encoding Same  
; FILE REFERENCE: 5379.200-US  
; CURRENT APPLICATION NUMBER: US/09/192,104B  
; CURRENT FILING DATE: 1998-11-13  
; EARLIER FILING DATE: 1997-12-16  
; EARLIER FILING DATE: 1997-12-16  
; EARLIER FILING DATE: 1997-12-16  
; EARLIER FILING DATE: 1998-05-15  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 6  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Sphingomonas  
US-09-192-104-6

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 850 CTGGACAGGACCTGGAAG 867  
Db 18 CTGGACAGGACGGAAG 1

RESULT 647  
US-09-543-446-6/c  
; Sequence 6, Application US/09543446  
; Patent No. 6303360  
; GENERAL INFORMATION:  
; APPLICANT: Alexander Blinkovsky  
; APPLICANT: Tony Byun  
; APPLICANT: Alan V. Klotz  
; APPLICANT: Alan Sloma  
; APPLICANT: Maria Tang  
; APPLICANT: Mikio Fujii  
; APPLICANT: Chigusa Marumoto  
; APPLICANT: Lene Venke Kofod  
; TITLE OF INVENTION: Polypeptides Having Amino-peptidase  
; TITLE OF INVENTION: Activity And Nucleic Acids Encoding Same  
; FILE REFERENCE: 5379.210-US  
; CURRENT APPLICATION NUMBER: US/09/543,446  
; CURRENT FILING DATE: 2000-04-05  
; EARLIER FILING DATE: 1997-12-16  
; EARLIER FILING DATE: 1997-12-16  
; EARLIER FILING DATE: 1998-05-15  
; EARLIER FILING DATE: 1998-05-15  
; EARLIER FILING DATE: 1998-11-13  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 6  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Sphingomonas  
US-09-543-446-6

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 850 CTGGACAGGACCTGGAAG 867  
Db 18 CTGGACAGGACGGAAG 1

RESULT 648  
US-09-336-447A-21  
; Sequence 21, Application US/09336447A  
; Patent No. 6310190  
; GENERAL INFORMATION:  
; APPLICANT: HANSEN, ERIC J.  
; APPLICANT: BEBI, CHRISTOPH  
; APPLICANT: COPE, LESLIE D.  
; APPLICANT: MACIVER, ISOBEL  
; APPLICANT: FISKE, MICHAEL J.  
; APPLICANT: FREDENBURG, ROSS A.  
; TITLE OF INVENTION: USP21 ANTIGENS OF MORAXELLA CATARRHALIS  
; FILE REFERENCE: AMCY:024  
; CURRENT APPLICATION NUMBER: US/09/336,447A  
; CURRENT FILING DATE: 1999-06-21  
; NUMBER OF SEQ ID NOS: 98  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 21  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Moraxella catarrhalis  
US-09-336-447A-21

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 468 CAAGCGCTATCACTACC 485  
Db 2 CAAGCTGATCACTACC 19

RESULT 649  
US-09-302-681-49/c  
; Sequence 49, Application US/09302681  
; Patent No. 6441149  
; GENERAL INFORMATION:  
; APPLICANT: Hernstadt, Corrina  
; APPLICANT: Ghosh, Soumitra S.  
; APPLICANT: Clevenger, William  
; APPLICANT: Fahy, Eoin F.  
; APPLICANT: Davis, Robert E.  
; TITLE OF INVENTION: DIAGNOSTIC METHOD BASED ON  
; TITLE OF INVENTION: QUANTIFICATION OF EXTRAMITOCHONDRIAL DNA  
; FILE REFERENCE: 660088.416C1  
; CURRENT APPLICATION NUMBER: US/09/302,681  
; CURRENT FILING DATE: 1999-04-30  
; NUMBER OF SEQ ID NOS: 108  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 49  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer corresponding to cytochrome  
; OTHER INFORMATION: c oxidase encoding mitochondrial DNA  
US-09-302-681-49

Query Match 0.8%; Score 13.2; DB 1; Length 19;  
Best Local Similarity 83.3%; Pred. No. 4.4e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1151 TTGACATGTGGGTGTGG 1168



```
Db      18  TGGACAGGTGGTGTGG 1
|||||
|
RESULT 650
US-09-302-681-50/c
; Sequence 50, Application US/09302681
; Patent No. 6441149
; GENERAL INFORMATION:
; APPLICANT: Herrstadt, Corrina
; APPLICANT: Ghosh, Soumitra S.
; APPLICANT: Clevenger, William
; APPLICANT: Fahy, Eoin F.
; APPLICANT: Davis, Robert E.
; TITLE OF INVENTION: DIAGNOSTIC METHOD BASED ON
; FILE REFERENCE: 660088.416C1
; CURRENT APPLICATION NUMBER: US/09/302,681
; CURRENT FILING DATE: 1999-04-30
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 50
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer corresponding to cytochrome
; OTHER INFORMATION: c oxidase encoding mitochondrial DNA
US-09-302-681-50
Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1151  TTGACATGTGGGTGTGG 1168
|||||
|
Db      19  TGGACAGGTGGTGTGG 2
|||||
|
RESULT 651
US-09-422-978-9032/c
; Sequence 9032, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9032
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-2085 for SEQ 1167, in compleme
US-09-422-978-9032
Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1686  CATCTTCCTGCTTACTC 1703
|||||
|
RESULT 652
US-09-422-978-11036
; Sequence 11036, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11036
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-24156 for SEQ 3171, in compl
US-09-422-978-11036
Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      964  AAGTGCTACCCGAGAC 981
|||||
|
Db      1  AAAGTGCTAGACCCAGAC 18
|||||
|
RESULT 653
US-09-422-978-11495/c
; Sequence 11495, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11495
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-8055 for SEQ 3630, in comple
US-09-422-978-11495
Query Match      0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1686  CATCTTCCTGCTTACTC 1703
|||||
|
```

```
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 505 GAGGCTACTGAGGAG 522
    |||||
Db 19 GAGGCTACTGCAAG 2

RESULT 654
US-09-957-189-6/c
; Sequence 6, Application US/09957189
; Patent No. 6673571
; GENERAL INFORMATION:
; APPLICANT: Alexander Blinkovsky
; APPLICANT: Tony Byun
; APPLICANT: Alan V. Klotz
; APPLICANT: Alan Sloma
; APPLICANT: Maria Tang
; APPLICANT: Mikio Fujii
; APPLICANT: Chigusa Marumoto
; APPLICANT: Lene Venke Kofod
; TITLE OF INVENTION: Polypeptides Having Aminopeptidase
; TITLE OF INVENTION: Activity And Nucleic Acids Encoding Same
; FILE REFERENCE: 5379,200-US
; CURRENT APPLICATION NUMBER: US/09/957,189
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/192,104
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-13
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 1465/97
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: PA 1998 00670
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Fast-Seq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Spingomonas
US-09-957-189-6

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 850 CTGGACAAGGACCTGAAG 867
    |||||
Db 18 CTGGACAAGGACGAAAG 1

RESULT 655
US-07-696-793A-36
; Sequence 36, Application US/07696793A
; Patent No. 5220004
; GENERAL INFORMATION:
; APPLICANT: Saiki, Randall K.
; APPLICANT: Nasarabadi, Shanavaz L.
; TITLE OF INVENTION: Methods and Reagents for G Gamma Globin
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cetus Corporation
; STREET: 1400 Fifty-Third Street
; CITY: Emeryville
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/696,793A
; FILING DATE: 19910507

Query Match 0.8%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1654 TGCCACACCCCTCAGG 1671
    |||||
Db 3 TGCCACACCCCTCAGG 20

RESULT 656
US-07-977-694-36
; Sequence 36, Application US/07977694
; Patent No. 5273883
; GENERAL INFORMATION:
; APPLICANT: Saiki, Randall K.
; APPLICANT: Nasarabadi, Shanavaz L.
; TITLE OF INVENTION: Methods and Reagents for G Gamma Globin
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110-1199
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,694
; FILING DATE: 19921117
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Stacey R. Sias, Ph.D.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8733
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-07-977-694-36

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1654 TGCCACACCCCTCAGG 1671
    |||||
Db 3 TGCCACACCCCTCAGG 20

RESULT 656
US-07-977-694-36
; Sequence 36, Application US/07977694
; Patent No. 5273883
; GENERAL INFORMATION:
; APPLICANT: Saiki, Randall K.
; APPLICANT: Nasarabadi, Shanavaz L.
; TITLE OF INVENTION: Methods and Reagents for G Gamma Globin
; TITLE OF INVENTION: Typing
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110-1199
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/977,694
; FILING DATE: 19921117
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Stacey R. Sias, Ph.D.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8733
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-07-977-694-36
```

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1654 TGCCACACCCCTCACAGG 1671  
Db 3 TGCCACACCCCTCACAGG 20

RESULT 657  
US-07-940-242A-41/c  
; Sequence 41, Application US/07940242A  
; Patent No. 5427909  
; GENERAL INFORMATION:  
; APPLICANT: OKAMOTO, Hiroaki  
; APPLICANT: NAKAMURA, Tetsuo  
; TITLE OF INVENTION: OLIGONUCLEOTIDES AND DETERMINATION  
; TITLE OF INVENTION: SYSTEM OF HCV GENOTYPES  
; NUMBER OF SEQUENCES: 99  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Beveridge, Degrandi, Weilacher & Young  
; STREET: 1850 M Street, N.W. (Suite 800)  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: US  
; ZIP: 20036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/940,242A  
; FILING DATE: 08-SEP-1992  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 307296/91  
; FILING DATE: 09-SEP-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: JP 093960/92  
; FILING DATE: 28-FEB-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Weilacher, Robert G.  
; REGISTRATION NUMBER: 20,531  
; REFERENCE/DOCKET NUMBER: 06/87-48095  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 659-2811  
; TELEFAX: (202) 659-1462  
; TELEX: WUI 64470  
; INFORMATION FOR SEQ ID NO: 41:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-07-940-242A-41

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 730 GGGGACCCCTGCCAGCC 747  
Db 20 GAGGACCCCTGCCAGCC 3

RESULT 658  
US-08-250-849-13  
; Sequence 13, Application US/08250849  
; Patent No. 5567583  
; GENERAL INFORMATION:  
; APPLICANT: Chang-Ning J. Wang and Kai-

APPLICANT: Yuan Wu  
TITLE OF INVENTION: METHOD FOR DETECTING A TARGET  
TITLE OF INVENTION: NUCLEIC ACID  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/250,849  
FILING DATE: 05/26/94  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/808,463  
FILING DATE: December 16, 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Y. Rocky Tsao  
REGISTRATION NUMBER: 34,053  
REFERENCE/DOCKET NUMBER: 06498/002001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-250-849-13

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1452 TCACCTCTTCCTCAGTCT 1469  
Db 1 TCACCTCTGACTCAGTCT 18

RESULT 659  
US-07-977-630-9  
; Sequence 9, Application US/07977630  
; Patent No. 5583038  
; GENERAL INFORMATION:  
; APPLICANT: Stover, Charles K.  
; TITLE OF INVENTION: BACTERIAL EXPRESSION VECTORS CONTAINING  
; TITLE OF INVENTION: DNA ENCODING SECRETION SIGNALS OF LIPOPROTEINS  
; NUMBER OF SEQUENCES: 84  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan, Cecchi,  
; ADDRESSEE: Stewart & Olstein  
; STREET: 6 Becker Farm Road  
; CITY: Roseland  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07068  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch diskette  
COMPUTER: IBM  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/977,630  
FILING DATE: NO. 5583038ember 17, 1993

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Herron, Charles J.  
REGISTRATION NUMBER: 28,019  
REFERENCE/DOCKET NUMBER: 469201-174  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201-994-1700  
TELEFAX: 201-994-1744  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acid  
US-07-977-630-9

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTAAAGGATGGACAGGA 27  
DB 1 CGTAGAGGATCCACAGGA 18

RESULT 660  
US-08-435-529-12  
Sequence 12, Application US/08435529  
Patent No. 5635354  
GENERAL INFORMATION:  
APPLICANT: KOURILSKY, PHILIPPE  
APPLICANT: PANNETIER, CHRISTOPHE  
APPLICANT: COCHET, MADELINE  
TITLE OF INVENTION: METHOD FOR DESCRIBING THE REPERTOIRES OF  
TITLE OF INVENTION: ANTIBODIES (AB) AND OF T-CELL RECEPTORS (TCR) OF AN  
TITLE OF INVENTION: INDIVIDUAL'S IMMUNE SYSTEM  
NUMBER OF SEQUENCES: 28  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
P.C.  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,529  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/084,249  
FILING DATE: 09-JUL-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Oblon, No. 5635354man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 354-015-0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA (genomic)

US-08-435-529-12

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1526 TTCAGTACAAAGGAGG 1543  
DB 2 TTCAGCAACAGGAAGG 19

RESULT 661  
US-08-379-078-597/c  
Sequence 597, Application US/08379078  
Patent No. 5639612  
GENERAL INFORMATION:  
APPLICANT: Mitsuhashi, Masato  
APPLICANT: Cooper, Allan  
TITLE OF INVENTION: Gene Detection System  
NUMBER OF SEQUENCES: 726  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KNOBE, MARTENS, OLSON AND BEAR  
STREET: 620 Newport Center Drive 16th Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: USA  
ZIP: 92660

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/379,078  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/974,406  
FILING DATE: 12-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E.  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: HITACHI.011CP2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
INFORMATION FOR SEQ ID NO: 597:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-379-078-597

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1384 GACCTCTCACCAGCTG 1401  
DB 18 GACCTCTCAGCAAGCAG 1

RESULT 662  
US-08-403-555-10  
Sequence 10, Application US/08403555  
Patent No. 5643730  
GENERAL INFORMATION:  
APPLICANT: Banker, Michael J.  
APPLICANT: Davidson, Ralph E.

```
/
/ APPLICANT: Pereira, Dennis A.
/ TITLE OF INVENTION: Process for Detecting Specific mRNA and
/ TITLE OF INVENTION: DNA in Cells
/ NUMBER OF SEQUENCES: 13
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Patent Department, Pfizer Inc
/ STREET: Eastern Point Road
/ CITY: Groton
/ STATE: Connecticut
/ COUNTRY: U.S.A.
/ ZIP: 06340
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patentin Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/403,555
/ FILING DATE:
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/08/052,805
/ FILING DATE:
/ APPLICATION NUMBER: US/07/764,462
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Benson, Gregg C.
/ REGISTRATION NUMBER: 30,997
/ REFERENCE/DOCKET NUMBER: PC8036GCB
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (203) 441-4901
/ TELEFAX: (203) 441-5221
/ TELEX: 420440 ITT
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-403-555-10
/
/ Query Match 0.8%; Score 13.2; DB 1; Length 20;
/ Best Local Similarity 83.3%; Pred. No. 4.8e+02;
/ Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 1654 TGCCACACCCCTCACAGG 1671
/
/ Db 3 TGCCACCGCTCACAGG 20
/
/ RESULT 663
/ US-08-328-314-13/c
/ Sequence 13, Application US/08328314
/ Patent No. 5674728
/ GENERAL INFORMATION:
/ APPLICANT: Buxton, Frank
/ APPLICANT: Jarai, Gabor
/ APPLICANT: Visser, Jacob
/ TITLE OF INVENTION: Fungal Protease
/ NUMBER OF SEQUENCES: 16
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: CIBA-GEIGY Corporation
/ STREET: 7 Skyline Drive
/ CITY: Hawthorne
/ STATE: New York
/ COUNTRY: USA
/ ZIP: 10532
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: ASCII editor
/ CURRENT APPLICATION DATA:
```

```
/
/ APPLICATION NUMBER: US/08/328,314
/ FILING DATE: TEA
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Spull, W. Murray
/ REGISTRATION NUMBER: 32,943
/ REFERENCE/DOCKET NUMBER: 4-19746/A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (919) 541-8615
/ TELEFAX: (919) 541-8689
/ INFORMATION FOR SEQ ID NO: 13:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other nucleic acid
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..20
/ OTHER INFORMATION: /standard_name= "oligonucleotide B"
/
/ US-08-328-314-13
/
/ Query Match 0.8%; Score 13.2; DB 1; Length 20;
/ Best Local Similarity 83.3%; Pred. No. 4.8e+02;
/ Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
/
/ QY 1217 CCACGGTGGAGGACAGC 1234
/
/ Db 20 CCTCGCGGAGGACAGC 3
/
/ RESULT 664
/ US-08-089-996-44
/ Sequence 44, Application US/08089996
/ Patent No. 5703054
/ GENERAL INFORMATION:
/ APPLICANT: Nicholas Dean, C. Frank Bennett
/ TITLE OF INVENTION: Oligonucleotide Modulation of Protein
/ TITLE OF INVENTION: Kinase C
/ NUMBER OF SEQUENCES: 62
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock Washburn Kurtz
/ ADDRESSEE: Mackiewicz & No. 5703054ris
/ STREET: One Liberty Place - 46th Floor
/ CITY: Philadelphia
/ STATE: PA
/ COUNTRY: USA
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
/ COMPUTER: IBM PS/2
/ OPERATING SYSTEM: PC-DOS
/ SOFTWARE: WORDPERFECT 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/089,996
/ FILING DATE: 19930709
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 852,852
/ FILING DATE: March 16, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Rebecca Ralph Gaumond
/ REGISTRATION NUMBER: 35,152
/ REFERENCE/DOCKET NUMBER: ISIS-1154
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3100
/ TELEFAX: (215) 568-3439
/ INFORMATION FOR SEQ ID NO: 44:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20
/ TYPE: nucleic acid
/ STRANDEDNESS: single
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TOPOLOGY: linear  
ANTI-SENSE: yes  
US-08-089-396-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1661 CCCCTCACAGGCGCC 1678  
Db 3 CCCGCTCAGGCCAGCC 20

## RESULT 665

US-08-434-474-13  
Sequence 13, Application US/08434474  
Patent No. 5712386  
GENERAL INFORMATION:  
APPLICANT: Wang et al.  
TITLE OF INVENTION: METHOD FOR DETECTING A TARGET  
NUCLEIC ACID  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 50Z or 558X  
OPERATING SYSTEM: MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/434,474  
FILING DATE: 05/04/95  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/250,849  
FILING DATE: 05/26/94  
ATTORNEY/AGENT INFORMATION:  
NAME: Y. Rocky Tsao  
REGISTRATION NUMBER: 34,053  
REFERENCE/DOCKET NUMBER: 06498/002002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1452 TCCATCTCTCTCAGTCT 1469  
Db 1 TCCACTCTGACTCAGTCT 18

## RESULT 666

US-08-731-045-13/c  
Sequence 13, Application US/08731045  
Patent No. 5756338  
GENERAL INFORMATION:  
APPLICANT: Buxton, Frank  
APPLICANT: Jara, Gabor  
APPLICANT: Visser, Jacob

TITLE OF INVENTION: Fungal Protease  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CIBA-GEIGY CORPORATION  
STREET: 520 White Plains Road  
CITY: Tarrytown  
STATE: New York  
COUNTRY: USA  
ZIP: 10591-9725  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII Editor  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/731,045  
FILING DATE: Herewith  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/328,314  
FILING DATE: October 24, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ferraro, Gregory D.  
REGISTRATION NUMBER: 36,134  
REFERENCE/DOCKET NUMBER: 4-19746/A/DIV  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908) 277-3318  
TELEFAX: (908) 277-4306  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..20  
OTHER INFORMATION: /standard\_name="oligonucleotide B"  
US-08-731-045-13

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1217 CCACGGTGGAGGACAGC 1234  
Db 20 CCTCGGCGGAGGCACAGC 3

## RESULT 667

US-08-466-886-10/c  
Sequence 10, Application US/08466886  
Patent No. 5776577  
GENERAL INFORMATION:  
APPLICANT: Tsui, Lap-Chee  
APPLICANT: Riordan, John R.  
APPLICANT: Rommens, Johanna M.  
APPLICANT: Kerem, Bat-Sheva  
APPLICANT: Collins, Francis S.  
APPLICANT: Iannuzzi, Michael C.  
APPLICANT: Drumm, Mitchell L.  
APPLICANT: Buckwald, Manuel  
TITLE OF INVENTION: Cystic Fibrosis Gene  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/466,886  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Goldstein, Jorge A.  
REGISTRATION NUMBER: 29,021  
REFERENCE/DOCKET NUMBER: 1329.0010006  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
US-08-466-886-10

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 705 GGAGATCAGACTGGAAAC 722  
|||||  
DB 19 GGAGAGCAAACTGGATCA 2

RESULT 668  
US-08-466-886-12  
; Sequence 12, Application US/08466886  
; Patent No. 5776677  
; GENERAL INFORMATION:  
; APPLICANT: Tsui, Lap-Chee  
; APPLICANT: Riordan, John R.  
; APPLICANT: Rommens, Johanna M.  
; APPLICANT: Kerem, Bat-Sheva  
; APPLICANT: Collins, Francis S.  
; APPLICANT: Iannuzzi, Michael C.  
; APPLICANT: Drumm, Mitchell L.  
; APPLICANT: Buckwald, Manuel  
; TITLE OF INVENTION: Cystic Fibrosis Gene  
; NUMBER OF SEQUENCES: 43  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX  
; STREET: 1100 New York Avenue, N.W.  
; CITY: Washington  
; STATE: DC  
; COUNTRY: USA  
; ZIP: 20005  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/466,886  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Goldstein, Jorge A.  
; REGISTRATION NUMBER: 29,021  
; REFERENCE/DOCKET NUMBER: 1329.0010006  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 202-371-2600  
; TELEFAX: 202-371-2540  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cdna  
US-08-466-886-12

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 53 CAGTGTGACTGCTGAAAC 70  
|||||  
DB 1 CAATGTGATTGCTGAAAC 18

RESULT 669  
US-08-374-155A-18  
; Sequence 16, Application US/08374155A  
; Patent No. 5786140  
; GENERAL INFORMATION:  
; APPLICANT: Mattes, Ralf  
; APPLICANT: Klein, Kathrin  
; APPLICANT: Schiweck, Hubert  
; APPLICANT: Kunz, Markwart  
; APPLICANT: Munir, Mohammed  
; TITLE OF INVENTION: Preparation of Acariogenic Sugar  
; TITLE OF INVENTION: Substitutes  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
; ADDRESSEE: Dunner  
; STREET: 1300 I Street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005-3315  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/374,155A  
; FILING DATE: 18-JAN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Forman, David S  
; REGISTRATION NUMBER: 33,694  
; REFERENCE/DOCKET NUMBER: 05638.0006-00000  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 408-4000  
; TELEFAX: (202) 408-4400  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (geonomic)  
US-08-374-155A-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 75.0%; Pred. No. 4.8e+02;  
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 482 TACCAGCTGACATCCGCTG 501  
|||||  
DB 1 TCCAGTTTCAGTCCGCTG 20

RESULT 670  
US-08-910-973-23

```
; Sequence 23, Application US/08910973
; Patent No. 5795723
; GENERAL INFORMATION:
; APPLICANT: Tapscott, Stephen J.
; OPERATING SYSTEM: PC-DOS/MS-DOS
; TITLE OF INVENTION: Expression of Neurogenic bHLH Genes in Primitive Neuroectoder
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson Kindness PLLC
; STREET: 1420 Fifth Avenue, Suite 2800
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/910,973
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/239,238
; FILING DATE: 06-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/US95/05741
; FILING DATE: 08-MAY-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/17532
; FILING DATE: 30-October-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: FPCR-1-10958
; TELEPHONE: 206-682-8100; 206-224-0735 (direct)
; TELEFAX: 206-225-0779
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
US-08-910-973-23

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1665 TCACAGGCGACGCCCAA 1682
Db 2 TCACAGTCAGCGCCAA 19

RESULT 671
US-08-800-036-7
; Sequence 7, Application US/08800036
; Patent No. 5830661
; GENERAL INFORMATION:
; APPLICANT: Sarfarazi, Mansoor
; TITLE OF INVENTION: Diagnosis and Treatment of Glaucoma
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David E. Brook, Esq.
; STREET: Hamilton, Brook, Smith & Reynolds, Two
; STREET: Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
```

```
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/800,036
; FILING DATE: 13-FEB-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: UCT97-01
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-800-036-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 10 CGTAAAGGATGACAGGA 27
Db 2 CATAAGGAAGGCCAGGA 19

RESULT 672
US-08-117-952-120/C
; Sequence 120, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 120:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
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```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-120
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1135 GACTACTCCACTCAGATT 1152
|||||
Db 19 GACTGCTCCCTCAGAGT 2

RESULT 673
US-08-478-178A-44
; Sequence 44, Application US/08478178A
; Patent No. 5882927
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5882927ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,178A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-478-178A-44
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCAGGGGAGGCC 1678
|||||
Db 3 CCCGCTCAGGGCAGGCC 20

RESULT 674
US-08-344-155C-88/C
; Sequence 88, Application US/08344155C

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-120
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1135 GACTACTCCACTCAGATT 1152
|||||
Db 19 GACTGCTCCCTCAGAGT 2

RESULT 673
US-08-478-178A-44
; Sequence 44, Application US/08478178A
; Patent No. 5882927
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5882927ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/478,178A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-478-178A-44
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1135 GACTACTCCACTCAGATT 1152
|||||
Db 19 GACTGCTCCCTCAGAGT 2

RESULT 673
US-08-478-178A-44
; Sequence 44, Application US/08478178A
; Patent No. 5882927
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5882927ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/344,155C
; FILING DATE: No. 5883082ember 23, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/063,167
; FILING DATE: 5/17/93
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/007,997
; FILING DATE: 1/21/93
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/939,855
; FILING DATE: 9/2/92
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/567,286
; FILING DATE: 8/14/90
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0098
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 88:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-344-155C-88
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 377 CTCGACCCACGCTCTCGG 394
|||||
Db 19 CCTCAGCCACTTCCTCTG 2

RESULT 675
US-08-488-177-44
; Sequence 44, Application US/08488177
; Patent No. 5885970
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein Kinase C
```

NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESS: Mackiewicz & No. 588570ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,177  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul K. Legaard  
REGISTRATION NUMBER: 38,534  
REFERENCE/DOCKET NUMBER: ISIS-1995  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-488-177-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1661 CCCCTCACAGGCGACCC 1678  
Db 3 CCCGTCTCAGGCCAGCCC 20

RESULT 676  
US-08-588-521-6/c  
Sequence 6, Application US/0858521  
Patent No. 5907079  
GENERAL INFORMATION:  
APPLICANT: Mak, Tak W.  
ATTORNEY/AGENT INFORMATION:  
TITLE OF INVENTION: Mismatch Repair Deficient Animals  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
STREET: 6300 Sears Tower, 233 South Wacker Drive  
CITY: Chicago  
STATE: Illinois  
COUNTRY: United States of America  
ZIP: 60606-6402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/588,521  
FILING DATE:  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Clough, David W.

REGISTRATION NUMBER: 36,107  
REFERENCE/DOCKET NUMBER: 01017/72328  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-588-521-6

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 224 ATGAGAGTGTGTGTGTG 241  
Db 18 AAGAGAGCTGTGTGTG 1

RESULT 677  
US-08-481-072A-44  
Sequence 44, Application US/08481072A  
Patent No. 5916807  
GENERAL INFORMATION:  
APPLICANT: Nicholas Dean, C. Frank Bennett  
TITLE OF INVENTION: Oligonucleotide Modulation of  
NUMBER OF SEQUENCES: 121  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz  
ADDRESS: Mackiewicz & No. 5916807ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/481,072A  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 852,852  
FILING DATE: March 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Rebecca Ralph Gaumond  
REGISTRATION NUMBER: 35,152  
REFERENCE/DOCKET NUMBER: ISIS-1154  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-481-072A-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Kinase C

QY 1661 CCCTCAGGCGAGCCC 1678  
||| ||| ||| ||| ||| |||  
DB 3 CCCTCAGGCGAGCCC 20

## RESULT 678

US-08-664-336-44  
; Sequence 44, Application US/08664336  
; Patent No. 5922686  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas Dean, C. Frank Bennett  
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein  
; NUMBER OF SEQUENCES: 121  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Mackiewicz & No. 5922686ris  
; STREET: One Liberty Place - 46th Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 720 kb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 6.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/664,336  
; FILING DATE: herewith  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 852,852  
; FILING DATE: March 16, 1992  
; PRIOR APPLICATION DATA: 089,996  
; APPLICATION NUMBER: 089,996  
; FILING DATE: July 9, 1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul K. Legard  
; REGISTRATION NUMBER: 38,534  
; REFERENCE/DOCKET NUMBER: ISIS-2345  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 44:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: yes  
; US-08-664-336-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCTCAGGCGAGCCC 1678  
||| ||| ||| ||| ||| |||  
DB 3 CCCTCAGGCGAGCCC 20

RESULT 679  
US-08-854-727-14  
; Sequence 14, Application US/08854727  
; Patent No. 5935787  
; GENERAL INFORMATION:  
; APPLICANT: SIDRANSKY, DAVID  
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID  
; NUMBER OF SEQUENCES: 40  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Jubas & Lubitz  
; STREET: 1880 Century Park East, Suite 500

; CITY: Los Angeles  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ Version 1.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/854,727  
; FILING DATE: 12-MAY-1997  
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/299,477  
; FILING DATE: 31-AUG-1994  
; APPLICATION NUMBER:  
; FILING DATE: August 31, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Tumarkin, Ph.D., Lisa A.  
; REGISTRATION NUMBER: P-38,347  
; REFERENCE/DOCKET NUMBER: PD-3485  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-455-5100  
; TELEFAX: 619-455-5110  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; US-08-854-727-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCTCAGGCGAGCCC 1678  
||| ||| ||| ||| ||| |||  
DB 3 CCCTCAGGCGAGCCC 20

RESULT 679  
US-08-854-727-14  
; Sequence 14, Application US/08854727  
; Patent No. 5935787  
; GENERAL INFORMATION:  
; APPLICANT: SIDRANSKY, DAVID  
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID  
; NUMBER OF SEQUENCES: 40  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Jubas & Lubitz  
; STREET: 1880 Century Park East, Suite 500

; CITY: Los Angeles  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ Version 1.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/854,727  
; FILING DATE: 12-MAY-1997  
; CLASSIFICATION: 435

; CITY: Los Angeles  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ Version 1.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/854,727  
; FILING DATE: 12-MAY-1997  
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/299,477  
; FILING DATE: 31-AUG-1994  
; APPLICATION NUMBER:  
; FILING DATE: August 31, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Tumarkin, Ph.D., Lisa A.  
; REGISTRATION NUMBER: P-38,347  
; REFERENCE/DOCKET NUMBER: PD-3485  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-455-5100  
; TELEFAX: 619-455-5110  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; US-08-854-727-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592  
||||| ||| ||| ||| ||| |||  
DB 1 GTGTCAGGAGTCTGAGA 18

RESULT 680  
US-08-854-727-34/c  
; Sequence 34, Application US/08854727  
; Patent No. 5935787  
; GENERAL INFORMATION:  
; APPLICANT: SIDRANSKY, DAVID  
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID  
; NUMBER OF SEQUENCES: 40  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Jubas & Lubitz  
; STREET: 1880 Century Park East, Suite 500  
; CITY: Los Angeles  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ Version 1.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/854,727  
; FILING DATE: 12-MAY-1997  
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/299,477  
; FILING DATE: 31-AUG-1994  
; APPLICATION NUMBER:  
; FILING DATE: August 31, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Tumarkin, Ph.D., Lisa A.  
; REGISTRATION NUMBER: P-38,347  
; REFERENCE/DOCKET NUMBER: PD-3485  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-455-5100  
; TELEFAX: 619-455-5110  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; US-08-854-727-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592  
||||| ||| ||| ||| ||| |||  
DB 1 GTGTCAGGAGTCTGAGA 18

RESULT 680  
US-08-854-727-34/c  
; Sequence 34, Application US/08854727  
; Patent No. 5935787  
; GENERAL INFORMATION:  
; APPLICANT: SIDRANSKY, DAVID  
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID  
; NUMBER OF SEQUENCES: 40  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Jubas & Lubitz  
; STREET: 1880 Century Park East, Suite 500  
; CITY: Los Angeles  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ Version 1.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/854,727  
; FILING DATE: 12-MAY-1997  
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/299,477  
; FILING DATE: 31-AUG-1994  
; APPLICATION NUMBER:  
; FILING DATE: August 31, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Tumarkin, Ph.D., Lisa A.  
; REGISTRATION NUMBER: P-38,347  
; REFERENCE/DOCKET NUMBER: PD-3485  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 619-455-5100  
; TELEFAX: 619-455-5110  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 14:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
; US-08-854-727-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592  
||||| ||| ||| ||| ||| |||  
DB 1 GTGTCAGGAGTCTGAGA 18

RESULT 680  
US-08-854-727-34/c  
; Sequence 34, Application US/08854727  
; Patent No. 5935787  
; GENERAL INFORMATION:  
; APPLICANT: SIDRANSKY, DAVID  
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID  
; NUMBER OF SEQUENCES: 40  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Spensley Horn Jubas & Lubitz  
; STREET: 1880 Century Park East, Suite 500  
; CITY: Los Angeles  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 90067  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSEQ Version 1.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/854,727  
; FILING DATE: 12-MAY-1997  
; CLASSIFICATION: 435

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,477
; FILING DATE: 31-AUG-1994
; APPLICATION NUMBER:
; FILING DATE: August 31, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3485
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
; TELEX:
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-854-727-34

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592
Db 20 GTGTCAGAGGATCTGAGA 3

RESULT 681
US-08-663-230-11
; Sequence 11, Application US/08663230
; Patent No. 5952170
; GENERAL INFORMATION:
; APPLICANT: STROUN, Maurice
; APPLICANT: ANKER, Philippe
; APPLICANT: VASIOUKHIN, Valeri
; TITLE OF INVENTION: METHOD FOR DIAGNOSING CANCERS
; NUMBER OF SEQUENCES: 18
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: YOUNG & THOMPSON
; STREET: 745 South 23rd Street
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/663,230
; FILING DATE: 17-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: CH 3761/93-3
; FILING DATE: 16-DEC-1993
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: WO PCT/IB94/00414
; FILING DATE: 13-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: PATCH, Andrew J.
; REGISTRATION NUMBER: 32,925
; REFERENCE/DOCKET NUMBER: JPL/Fc/11572
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 521-2297

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/299,477
; FILING DATE: 31-AUG-1994
; APPLICATION NUMBER:
; FILING DATE: August 31, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Tumarkin, Ph.D., Lisa A.
; REGISTRATION NUMBER: P-38,347
; REFERENCE/DOCKET NUMBER: PD-3485
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-455-5100
; TELEFAX: 619-455-5110
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-663-230-11

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 231 TGGTGTGTGGCGGCAG 248
Db 2 TGGTGTGTGTGGAGCAG 19

RESULT 682
US-08-481-066A-44
; Sequence 44, Application US/08481066A
; Patent No. 5959096
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Protein Kinase C
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5959096ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/481,066A
; FILING DATE: herewith
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Rebecca Ralph Gaumond
; REGISTRATION NUMBER: 35,152
; REFERENCE/DOCKET NUMBER: ISIS-1154
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
; US-08-481-066A-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCACAGGCGAGCCC 1678
Db 3 CCGGTCTCAGGCGAGCCC 20
```

RESULT 683  
US-08-926-492-7  
; Sequence 7, Application US/08926492  
; Patent No. 5962230  
; GENERAL INFORMATION:  
; APPLICANT: Safarazi, Mansoor  
; TITLE OF INVENTION: Diagnosis and Treatment of Glaucoma  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: David E. Brook, Esq.  
; STREET: Hamilton, Brook, Smith & Reynolds, Two  
; STREET: Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02173  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/926.492  
; FILING DATE: 10-SEP-1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/800,036  
; FILING DATE: 13-FEB-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brook, David E.  
; REGISTRATION NUMBER: 22,592  
; REFERENCE/DOCKET NUMBER: UCT97-01A  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 861-6240  
; TELEFAX: (617) 861-9540  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-926-492-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e-02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTAAAGGATGGACAGGA 27  
Db 2 CATAAAGGAGCCAGGA 19

RESULT 684  
US-08-785-396-18  
; Sequence 18, Application US/08785396  
; Patent No. 5985622  
; GENERAL INFORMATION:  
; APPLICANT: Mattes, Ralf  
; APPLICANT: Klein, Kathrin  
; APPLICANT: Schiweck, Hubert  
; APPLICANT: Kunz, Markwart  
; APPLICANT: Munir, Mohamed  
; TITLE OF INVENTION: Preparation of Acariogenic Sugar  
; NUMBER OF SEQUENCES: 26  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
; ADDRESSEE: Dunner  
; STREET: 1300 I Street, N.W.  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA

ZIP: 20005-3315  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/785,396  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/374,155  
; FILING DATE: 18-JAN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Forman, David S.  
; REGISTRATION NUMBER: 33,694  
; REFERENCE/DOCKET NUMBER: 05638.0006-00000  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 408-4000  
; TELEFAX: (202) 408-4400  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-785-396-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 75.0%; Pred. No. 4.8e+02;  
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 482 TACCAGCTGACATCCGGCTG 501  
Db 1 TCCAGTTCAGTCCGGCTG 20

RESULT 685  
US-08-940-250-26/c  
; Sequence 26, Application US/08940250  
; Patent No. 6001991  
; GENERAL INFORMATION:  
; APPLICANT: Nicholas Dean, Muthiah Manoharan  
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation  
; TITLE OF INVENTION: of MDR P-Glycoprotein Gene Expression  
; NUMBER OF SEQUENCES: 41  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Law Offices of Jane Massey Licata  
; STREET: 66 East Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/940,250  
; FILING DATE: Herewith  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/731,199  
; FILING DATE: 10/4/96  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0217  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 810-1454

; INFORMATION FOR SEQ ID NO: 26:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-08-940-250-26

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 4.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1388 TCCTCACCAAGCTGTTC 1405

Db 19 TCCTCACCAAGCGCTCC 2

RESULT 686

US-08-578-615A-44

; Sequence 44, Application US/08578615A

; Patent No. 6015892

; GENERAL INFORMATION:

; APPLICANT: Nicholas Dean, C. Frank Bennett and Russell, T. Boggs

; TITLE OF INVENTION: Oligonucleotide Modulation of Protein KinaseC

; NUMBER OF SEQUENCES: 122

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6015892ris LLP

; STREET: One Liberty Place - 46th Floor

; CITY: Philadelphia

; STATE: PA

; COUNTRY: USA

; ZIP: 19103

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PS/2

; OPERATING SYSTEM: PC-DOS

; SOFTWARE: WORDPERFECT 6.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/578,615A

; FILING DATE: 11-JAN-1996

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 852,852

; FILING DATE: 16-MAR-1992

; APPLICATION NUMBER: 08/089,996

; FILING DATE: 09-JUL-1993

; APPLICATION NUMBER: 08/199,779

; FILING DATE: 22-FEB-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: Paul K. Legaard

; REGISTRATION NUMBER: 38,534

; REFERENCE/DOCKET NUMBER: ISIS-1568

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (215) 568-3100

; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 44:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; ANTI-SENSE: yes

US-08-578-615A-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 4.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1661 CCCCTCACAGGCGACCC 1678

Db 3 CCCGTCTCAGGCGACGCC 20

RESULT 687

US-09-357-073-47/c

; Sequence 47, Application US/09357073

; Patent No. 6033910

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION

; FILE REFERENCE: KIS-0086

; CURRENT APPLICATION NUMBER: US/09/357,073

; CURRENT FILING DATE: 1999-07-19

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 47

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-357-073-47

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 4.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1689 CTTCCCTGCTTACTCTCT 1706

Db 19 CTTCCCTGAATCTCTCT 2

RESULT 688

US-09-357-071-18/c

; Sequence 18, Application US/09357071

; Patent No. 6043091

; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia

; APPLICANT: Lex M. Cowsett

; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVER GLYCOGEN PHOSPHORYLASE EXPRESSION

; FILE REFERENCE: KIS-0074

; CURRENT APPLICATION NUMBER: US/09/357,071

; CURRENT FILING DATE: 1999-07-19

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 18

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-357-071-18

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 4.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 125 TGGATCGATGAAGAAGA 142

Db 19 TGGATTGGATAGAAGA 2

RESULT 689

US-09-048-505-7

; Sequence 7, Application US/09048505

; Patent No. 6046009

; GENERAL INFORMATION:

; APPLICANT: Sarfarazi, Mansoor

; TITLE OF INVENTION: Diagnosis and Treatment of Glaucoma

; NUMBER OF SEQUENCES: 20

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: David E. Brook, Esq.

; STREET: Hamilton, Brook, Smith & Reynolds, Two

; CITY: Lexington

; STATE: Massachusetts

```
; COUNTRY: USA
; ZIP: 02421-4799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,505
; FILING DATE: 26-MAR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/926,492
; FILING DATE: 10-SEP-97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/800,036
; FILING DATE: 13-FEB-97
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: UCT97-01AZ
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-048-505-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTAAAGGATGGACAGA 27
Db 2 CATAAAGGAGGCCNGGA 19

RESULT 690
US-08-746-111-51
; Sequence 51, Application US/08746111
; Patent No. 6066778
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; TITLE OF INVENTION: Compositions And Methods For Screening
; TITLE OF INVENTION: Compounds For Anticoagulant Activity
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,111
; FILING DATE: 06-NOV-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: UM-02536
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410

; COUNTRY: USA
; ZIP: 02421-4799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,505
; FILING DATE: 26-MAR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/926,492
; FILING DATE: 10-SEP-97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/800,036
; FILING DATE: 13-FEB-97
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: UCT97-01AZ
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-048-505-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTAAAGGATGGACAGA 27
Db 2 CATAAAGGAGGCCNGGA 19

RESULT 690
US-08-746-111-51
; Sequence 51, Application US/08746111
; Patent No. 6066778
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; TITLE OF INVENTION: Compositions And Methods For Screening
; TITLE OF INVENTION: Compounds For Anticoagulant Activity
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Medlen & Carroll, LLP
; STREET: 220 Montgomery Street, Suite 2200
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,111
; FILING DATE: 06-NOV-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Ingolia, Diane E.
; REGISTRATION NUMBER: 40,027
; REFERENCE/DOCKET NUMBER: UM-02536
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 705-8410

; COUNTRY: USA
; ZIP: 02421-4799
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,505
; FILING DATE: 26-MAR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/926,492
; FILING DATE: 10-SEP-97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/800,036
; FILING DATE: 13-FEB-97
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: UCT97-01AZ
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-048-505-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 10 CGTAAAGGATGGACAGA 27
Db 2 CATAAAGGAGGCCNGGA 19

RESULT 691
US-08-777-266A-26
; Sequence 26, Application US/08777266A
; Patent No. 6077833
; GENERAL INFORMATION:
; APPLICANT: Clarence Frank Bennett
; APPLICANT: Timothy A. Vickers
; TITLE OF INVENTION: Oligonucleotide Compositions and
; TITLE OF INVENTION: Methods for the Modulation of the Expression of B7 Proteins
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/777,266A
; FILING DATE: December 31, 1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0201
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-777-266A-26

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 CACACGAGAGAGTCCTC 831
Db 2 CTCACGTAGAGACCTC 19
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RESULT 692  
US-08-545-196B-56  
; Sequence 56, Application US/08545196B  
; Patent No. 6080577  
; GENERAL INFORMATION:  
; APPLICANT: MELKI, JUDITH  
; APPLICANT: MURNICH, ARNOLD  
; TITLE OF INVENTION: SURVIVAL MOTOR NEURON (SMN) GENE: A GENE  
; TITLE OF INVENTION: FOR SPINAL MUSCULAR ATROPHY  
; NUMBER OF SEQUENCES: 65  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH, LLP  
; STREET: PO BOX 747  
; CITY: FALLS CHURCH  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22040-0747  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/545,196B  
; FILING DATE: 19-OCT-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: FARACI, C. J.  
; REGISTRATION NUMBER: 32,350  
; REFERENCE/DOCKET NUMBER: 2121-110P  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 205-8000  
; TELEFAX: (703) 205-8050  
; INFORMATION FOR SEQ ID NO: 56:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; HYPOTHEICAL: NO  
US-08-545-196B-56  
Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 447 GATCTCCACTGAGGACAT 464  
Db 1 GGTGTCACAGGACAT 18  
RESULT 693  
US-09-009-913-259  
; Sequence 259, Application US/09009913  
; Patent No. 6087485  
; GENERAL INFORMATION:  
; APPLICANT: AxyS Pharmaceuticals, Inc.  
; TITLE OF INVENTION: Asthma Related Genes  
; NUMBER OF SEQUENCES: 339  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Bozicevic & Reed, LLP  
; STREET: 285 Hamilton Ave, Suite 200  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0

; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/009,913  
; FILING DATE: 21-JAN-1998  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sherwood, Pamela J  
; REGISTRATION NUMBER: 36,677  
; REFERENCE/DOCKET NUMBER: SEQ-4P  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-327-3231  
; TELEFAX: 650-327-3231  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 259:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-009-913-259  
Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1229 AACAGCTACATTCATCT 1246  
Db 2 AACAGCAAACTCATCT 19  
RESULT 694  
US-08-846-020A-37  
; Sequence 37, Application US/08846020A  
; Patent No. 6090547  
; GENERAL INFORMATION:  
; APPLICANT: Drazen M.D., Jeffrey M.  
; APPLICANT: In M.D., Kwang-Ho  
; APPLICANT: Asano M.D., Koichiro  
; APPLICANT: Beier, David  
; APPLICANT: Grobholz, James  
; TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence  
; TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients  
; NUMBER OF SEQUENCES: 43  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CHOATE, HALL & STEWART  
; STREET: 53 State Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109-2891  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/846,020A  
; FILING DATE:  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jarrell Ph.D., Brenda H.  
; REGISTRATION NUMBER: 39,223  
; REFERENCE/DOCKET NUMBER: 0092662-0012  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 248-5000  
; TELEFAX: (617) 248 4000  
; INFORMATION FOR SEQ ID NO: 37:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single





```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-51

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 334 CACGAGACTTGAAGATG 351
Db 1 CAGGATGGCTTGAAGATG 18

RESULT 698
US-09-433-699-16
; Sequence 16, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-16

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1239 CTTCACTTCGATCTT 1256
Db 1 CCTCATCTTCATCTT 18

RESULT 699
US-09-513-729B-30/c
; Sequence 30, Application US/09513729B
; Patent No. 6165791
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0112
; CURRENT APPLICATION NUMBER: US/09/513,729B
; CURRENT FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729B-30

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1068 AAACACATCTCCATGA 1085
Db 19 AAACACACAGTCCCAATGA 2

RESULT 700
US-09-490-692-74
; Sequence 74, Application US/09490692
; Patent No. 6180353
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RTS-0120
; CURRENT APPLICATION NUMBER: US/09/490,692
; CURRENT FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-490-692-74

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 446 AGATCTCCACTGAGACA 463
Db 3 AGATCTGTAGTGGAGACA 20

RESULT 701
US-09-517-584A-13/c
; Sequence 13, Application US/09517584A
; Patent No. 6187587
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 1 EXPRESSION
; FILE REFERENCE: RTS-0121
; CURRENT APPLICATION NUMBER: US/09/517,584A
; CURRENT FILING DATE: 2000-03-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-584A-13

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 552 GCCCTCAGCCGCGCCT 569
Db 19 GCGCCGCGCGCGCCT 2

RESULT 702
US-08-469-617-10/c
; Sequence 10, Application US/08469617
; Patent No. 6201107
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Riordan, John R.
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; APPLICANT: Collins, Francis S.
; APPLICANT: Iannuzzi, Michael C.
; APPLICANT: Drumm, Mitchell L.
; APPLICANT: Buckwald, Manuel
; TITLE OF INVENTION: Cystic Fibrosis Gene
```

NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,617  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Goldstein, Jorge A.  
REGISTRATION NUMBER: 29,021  
REFERENCE/DOCKET NUMBER: 1329.0010008  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-469-617-10

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e-02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 705 GGAGATCAGACTGGACA 722  
Db 19 GGAGAGCAAACTGGATCA 2

RESULT 703  
US-08-469-617-12  
Sequence 12, Application US/08469617  
Patent No. 6201107  
GENERAL INFORMATION:  
APPLICANT: Tsui, Lap-Chee  
APPLICANT: Riordan, John R.  
APPLICANT: Rommens, Johanna M.  
APPLICANT: Kerem, Bat-Sheva  
APPLICANT: Collins, Francis S.  
APPLICANT: Iannuzzi, Michael C.  
APPLICANT: Drumm, Mitchell L.  
APPLICANT: Buckwald, Manuel  
TITLE OF INVENTION: Cystic Fibrosis Gene  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/469,617  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:  
NAME: Goldstein, Jorge A.  
REGISTRATION NUMBER: 29,021  
REFERENCE/DOCKET NUMBER: 1329.0010008  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-2600  
TELEFAX: 202-371-2540  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-469-617-12

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e-02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 53 CAGTGTGACTGCTGAAC 70  
Db 1 CAATGTGATTGCTGAAC 18

RESULT 704  
US-08-960-780-70/c  
Sequence 70, Application US/08960780  
Patent No. 6204435  
GENERAL INFORMATION:  
APPLICANT: Feitelson, Jerald S.  
APPLICANT: Schnepf, H. Ernest  
APPLICANT: Narve, Kenneth E.  
APPLICANT: Stockhoff, Brian A.  
APPLICANT: Schmeits, James  
APPLICANT: Loewer, David  
APPLICANT: Dullum, Charles Joseph  
APPLICANT: Muller-Cohn, Judy  
APPLICANT: Stamp, Lisa  
TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide  
NUMBER OF SEQUENCES: 134  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: US  
ZIP: 32606-6669  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/960,780  
FILING DATE: 30-OCT-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,848  
FILING DATE: 30-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Saliwanchik, David R.  
REGISTRATION NUMBER: 31,794  
REFERENCE/DOCKET NUMBER: MA-708  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 352-375-8100  
TELEFAX: 352-372-5800  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-960-780-70

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1229 AACAGCTACACTTCATCT 1246
Db 19 AACAGTACTCTTCCTTT 2

RESULT 705
US-08-960-780-116
; Sequence 116, Application US/08960780
; Patent No. 620435
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Stockhoff, Brian A.
; APPLICANT: Schmeits, James
; APPLICANT: Lower, David
; APPLICANT: Dullum, Charles Joseph
; APPLICANT: Muller-Cohn, Judy
; APPLICANT: Stamp, Lisa
; TITLE OF INVENTION: Sequences Which Encode These Toxins
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/960,780
; FILING DATE: 30-OCT-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Saliwanchik, David R.
; REGISTRATION NUMBER: 31,794
; REFERENCE/DOCKET NUMBER: MA-708
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352-375-8100
; TELEFAX: 352-372-5800
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-960-780-116

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1229 AACAGCTACACTTCATCT 1246
Db 2 AACAGTACTCTTCCTTT 19
```

```
RESULT 706
US-09-313-932-260/C
; Sequence 260, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 260
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-260

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCCTCAGCGCGCGCTCC 571
Db 18 CCCTCAGCGCGCACATCC 1

RESULT 707
US-09-313-932-304
; Sequence 304, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 304
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-304

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1098 GTGCTACGCGCCCTCGA 1115
Db 1 GAGGTACAGCCCTCTCGA 18

RESULT 708
US-09-038-637-14
; Sequence 14, Application US/09038637
; Patent No. 6235470
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
```

;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Fish & Richardson P.C.  
;; STREET: 4225 Executive Square, Suite 1400  
;; CITY: La Jolla  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 92037  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: Windows 95  
;; SOFTWARE: FastSeq for Windows Version 2.0b  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/038,637  
;; FILING DATE: 10-MAR-1998  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/579,233  
;; FILING DATE: 28-DEC-1995  
;; APPLICATION NUMBER: 08/152,313  
;; FILING DATE: 12-NOV-1993  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Haile, Lisa A.  
;; REGISTRATION NUMBER: 38,347  
;; REFERENCE/DOCKET NUMBER: 07265/146001  
;; TELEPHONE: 619/678-5070  
;; TELEFAX: 619/678-5099  
;; INFORMATION FOR SEQ ID NO: 14:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: Genomic DNA  
US-09-038-637-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. NO. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592  
Db 1 GTGTCAGAGGATCTGAGA 18

RESULT 709  
US-09-038-637-46/c  
Sequence 46, Application US/09038637  
Patent No. 6235470  
GENERAL INFORMATION:  
APPLICANT: Sidransky, David  
TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA  
NUMBER OF SEQUENCES: 195  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 4225 Executive Square, Suite 1400  
CITY: La Jolla  
STATE: CA  
COUNTRY: USA  
ZIP: 92037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: Windows 95  
SOFTWARE: FastSeq for Windows Version 2.0b  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,637  
FILING DATE: 10-MAR-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/579,233  
FILING DATE: 28-DEC-1995  
APPLICATION NUMBER: 08/152,313  
FILING DATE: 12-NOV-1993

;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Haile, Lisa A.  
;; REGISTRATION NUMBER: 38,347  
;; REFERENCE/DOCKET NUMBER: 07265/146001  
;; TELEPHONE: 619/678-5070  
;; TELEFAX: 619/678-5099  
;; INFORMATION FOR SEQ ID NO: 46:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: Genomic DNA  
US-09-038-637-46

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. NO. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592  
Db 20 GTGTCAGAGGATCTGAGA 3

RESULT 710  
US-09-073-898-70/c  
Sequence 70, Application US/09073898  
Patent No. 6242869  
GENERAL INFORMATION:  
APPLICANT: Feltelson, Jerald S.  
APPLICANT: Schnepf, H. Ernest  
APPLICANT: Narva, Kenneth E.  
APPLICANT: Stockhoff, Brian A.  
APPLICANT: Schweitz, James  
APPLICANT: Loewer, David  
APPLICANT: Dullum, Charles Joseph  
APPLICANT: Muller-Cohn, Judy  
APPLICANT: Stamp, Lisa  
APPLICANT: Morrill, George  
APPLICANT: Finstad-Lee, Stacey  
TITLE OF INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide  
SEQUENCES Which Encode These Toxins  
NUMBER OF SEQUENCES: 144  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: US  
ZIP: 32606-6669  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/073,898  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,848  
FILING DATE: 30-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/960,780  
FILING DATE: 30-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Sanders, Jay M.  
REGISTRATION NUMBER: 39,355  
REFERENCE/DOCKET NUMBER: MA-708C1  
TELEPHONE: 352-375-8100  
TELEFAX: 352-372-5800

; INFORMATION FOR SEQ ID NO: 70:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-09-073-898-70

Query Match 0.8%; Score 13.2; DB 1; Length 20;

Best Local Similarity 83.3%; Pred. No. 4.8e+02;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1229 AACAGCTACTCTTCCTT 1246

Db 19 AACAGCTACTCTTCCTT 2

RESULT 711

US-09-073-898-116

; Sequence 116, Application US/09073898

; Patent No. 6242669

; GENERAL INFORMATION:

; APPLICANT: Peitelson, Jerald S.

; APPLICANT: Schnepf, H. Ernest

; APPLICANT: Narva, Kenneth E.

; APPLICANT: Stockhoff, Brian A.

; APPLICANT: Schmeits, James

; APPLICANT: Loewer, David

; APPLICANT: Dullum, Charles Joseph

; APPLICANT: Muller-Cohn, Judy

; APPLICANT: Stamp, Lisa

; APPLICANT: Morrill, George

; APPLICANT: Finstad-Lee, Stacey

; TITLE OF INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide

; TITLE OF INVENTION: Sequences Which Encode These Toxins

; NUMBER OF SEQUENCES: 144

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik

; STREET: 2421 N.W. 41st Street, Suite A-1

; CITY: Gainesville

; STATE: FL

; COUNTRY: US

; ZIP: 32606-6669

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/073,898

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 60/029,848

; FILING DATE: 30-OCT-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/960,780

; FILING DATE: 30-OCT-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Sanders, Jay M.

; REGISTRATION NUMBER: 39,355

; REFERENCE/DOCKET NUMBER: MA-708C1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 352-375-8100

; TELEFAX: 352-372-5800

; INFORMATION FOR SEQ ID NO: 116:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

US-09-073-898-116

Query Match

Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1229 AACAGCTACTCTTCCTT 1246

Db 2 AACAGCTACTCTTCCTT 19

RESULT 712

US-08-969-317-12

; Sequence 12, Application US/08969317

; Patent No. 6277968

; GENERAL INFORMATION:

; APPLICANT: Tung-Tien Sun, Xue-Ru Wu

; TITLE OF INVENTION: Methods of Detecting and Classifying

; TITLE OF INVENTION: Bladder Cancer

; NUMBER OF SEQUENCES: 23

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Jane Massey Licata, Esq.

; STREET: 66 E. Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: USA

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM 486

; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS

; SOFTWARE: WORDPERFECT 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/969,317

; FILING DATE: herewith

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER:

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Jane Massey Licata

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: NYU-0030

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (609) 779-2400

; TELEFAX: (609) 810-1454

; INFORMATION FOR SEQ ID NO: 12:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20

; TYPE: NUCLEIC ACID

; STRANDEDNESS: SINGLE

; TOPOLOGY: LINEAR

; ANTI-SENSE: NO

US-08-969-317-12

Query Match

Best Local Similarity 0.8%; Score 13.2; DB 1; Length 20;

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 514 CTGAGAGAGCTGACCTC 531

Db 1 CTGAGAGAGCTGCTCTC 18

RESULT 713

US-08-968-733-14

; Sequence 14, Application US/08968733

; Patent No. 6291163

; GENERAL INFORMATION:

; APPLICANT: Sidransky, David

; TITLE OF INVENTION: METHOD FOR DETECTING CELL

; TITLE OF INVENTION: PROLIFERATION DISORDERS

; NUMBER OF SEQUENCES: 64

;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Fish & Richardson P.C.  
;; STREET: 4225 Executive Square, Suite 1400  
;; CITY: La Jolla  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 92037  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: Windows95  
;; SOFTWARE: FastSeq for Windows Version 2.0  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/968,733  
;; FILING DATE: 28-AUG-1997  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 60/025,805  
;; FILING DATE: 28-AUG-1996  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Haile, Lisa A.  
;; REGISTRATION NUMBER: 38,347  
;; REFERENCE/DOCKET NUMBER: 07265/097001  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 619/678-5070  
;; TELEFAX: 619/678-5099  
;; INFORMATION FOR SEQ ID NO: 14:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: Genomic DNA  
;; US-08-968-733-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592  
|||||  
Db 1 GTGTCAGAGGATCTGAGA 18  
|||||

RESULT 714  
US-08-968-733-46/c  
;; Sequence 46, Application US/08968733  
;; Patent No. 6291163  
;; GENERAL INFORMATION:  
;; APPLICANT: Sidransky, David  
;; TITLE OF INVENTION: METHOD FOR DETECTING CELL  
;; TITLE OF INVENTION: PROLIFERATION DISORDERS  
;; NUMBER OF SEQUENCES: 64  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Fish & Richardson P.C.  
;; STREET: 4225 Executive Square, Suite 1400  
;; CITY: La Jolla  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 92037  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: Windows95  
;; SOFTWARE: FastSeq for Windows Version 2.0  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/968,733  
;; FILING DATE: 28-AUG-1997  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 60/025,805  
;; FILING DATE: 28-AUG-1996  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Haile, Lisa A.  
;; REGISTRATION NUMBER: 38,347

;; REFERENCE/DOCKET NUMBER: 07265/097001  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 619/678-5070  
;; TELEFAX: 619/678-5099  
;; INFORMATION FOR SEQ ID NO: 46:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: oligonucleotide  
;; US-08-968-733-46

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTATCTGAGA 592  
|||||  
Db 20 GTGTCAGAGGATCTGAGA 3  
|||||

RESULT 715  
US-07-974-409C-221/c  
;; Sequence 221, Application US/07974409C  
;; Patent No. 6300058  
;; GENERAL INFORMATION:  
;; APPLICANT: Akitaya, Tatsuo  
;; APPLICANT: Mitsuhashi, Masato  
;; APPLICANT: Cooper, Allan  
;; TITLE OF INVENTION: METHOD AND REAGENT  
;; TITLE OF INVENTION: FOR MEASURING MESSENGER RNA  
;; NUMBER OF SEQUENCES: 457  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Knobbe, Martens, Olson, and Bear  
;; STREET: 620 Newport Center Dr. Sixteenth Floor  
;; CITY: Newport Beach  
;; STATE: CA  
;; COUNTRY: USA  
;; ZIP: 92660  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent in Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/07/974,409C  
;; FILING DATE: 12-NOV-1992  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Altman, Daniel E.  
;; REGISTRATION NUMBER: 34,115  
;; REFERENCE/DOCKET NUMBER: HITACHI.006CP2  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 714-760-0404  
;; TELEFAX: 714-760-9502  
;; INFORMATION FOR SEQ ID NO: 221:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20  
;; TYPE: nucleic acid  
;; STRANDEDNESS: double  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: cDNA to mRNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; US-07-974-409C-221

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1384 GACCTCCTCACCAAGCTG 1401  
|||||

```
Db      18 GACCTTCTCAGCAGCAG 1

RESULT 716
US-09-484-617-121
; Sequence 121, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 121
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-121

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      581 GCCTATCTGAGATTGGCT 598
      |||||
Db      3 GTCTCTCTGAGTTGGCT 20

RESULT 717
US-09-484-617-165
; Sequence 165, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 165
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-165

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      581 GCCTATCTGAGATTGGCT 598
      |||||
Db      3 GTCTCTCTGAGTTGGCT 20

RESULT 718
US-09-484-617-174/c
; Sequence 174, Application US/09484617
; Patent No. 6303374
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
; FILE REFERENCE: RTS-0103
; CURRENT APPLICATION NUMBER: US/09/484,617
; CURRENT FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 174
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-484-617-174/c

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      533 ATAGCCCATCTTTGACA 550
      |||||
Db      2 ATAGTACCATCATTTGACA 19

RESULT 719
US-09-193-562D-23
; Sequence 23, Application US/09193562D
; Patent No. 6309857
; GENERAL INFORMATION:
; APPLICANT: Pauli, Benedicht U.
; TITLE OF INVENTION: Nucleotide Sequences Encoding Mammalian Calcium
; FILE REFERENCE: 18617.0052
; CURRENT APPLICATION NUMBER: US/09/193,562D
; CURRENT FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: US/60/065,922
; PRIOR FILING DATE: 1997-11-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Amplification primer
US-09-193-562D-23

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      211 CAGATAGCGCTGGATGAG 228
      |||||
Db      3 CAGACAGGCGCTGTATGAG 20

RESULT 720
US-09-326-186B-26
; Sequence 26, Application US/09326186B
; Patent No. 6319906
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; FILE REFERENCE: ISPH-0376
; CURRENT APPLICATION NUMBER: US/09/326,186B
; CURRENT FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 226
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-326-186B-26

Query Match      0.8%; Score 13.2; DB 1; Length 20;
```



Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 814 CACACGGAGAGTCCCTC 831  
DB 2 CTCACGTAGAGACCTC 19

RESULT 721  
US-08-829-637A-44  
Patent No. 6339066  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Phillip Dan Cook  
APPLICANT: Nicholas Dean  
APPLICANT: Glenn Hoke  
TITLE OF INVENTION: OLIGONUCLEOTIDES WHICH HAVE  
TITLE OF INVENTION: PHOSPHOROTHIATE LINKAGES OF HIGH CHIRAL PURITY AND  
TITLE OF INVENTION: WHICH MODULATE al, ail, , k, n, AND ISOFORMS OF  
TITLE OF INVENTION: PROTEIN KINASE C  
NUMBER OF SEQUENCES: 136  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: John W. Caldwell (28,937) Woodcock  
ADDRESSEE: Washburn Kurtz Mackiewicz & No. 6339066ris  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/829,637A  
FILING DATE: herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/481,066  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/470,129  
FILING DATE: 06-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/469,851  
FILING DATE: 06-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/468,569  
FILING DATE: 06-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/089,996  
FILING DATE: 09-JUL-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/058,023  
FILING DATE: 05-MAY-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/777,007  
FILING DATE: 16-OCT-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/777,760  
FILING DATE: 15-OCT-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/852,852  
FILING DATE: 16-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US91/00243  
FILING DATE: 11-JAN-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/566,977  
FILING DATE: 13-AUG-1990  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/436,358  
FILING DATE: 11-JAN-1990  
ATTORNEY/AGENT INFORMATION:  
NAME:  
REGISTRATION NUMBER:  
REFERENCE/DOCKET NUMBER: ISIS-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: Yes  
US-08-829-637A-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCCTCACAGGGCAGCCC 1678  
DB 3 CCGGTCTCAGGCCAGCCC 20

RESULT 722  
US-09-617-871-37  
Sequence 37, Application US/09617871  
Patent No. 6355434  
GENERAL INFORMATION:  
APPLICANT: Drzen M.D., Jeffrey M.  
APPLICANT: In M.D., Kwang-Ho  
APPLICANT: Asano M.D., Koichiro  
APPLICANT: Beier, David  
APPLICANT: Grobholz, James  
TITLE OF INVENTION: 5-Lipoxygenase Gene Sequence  
TITLE OF INVENTION: Polymorphisms and Their Use in Classifying Patients  
NUMBER OF SEQUENCES: 43  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CHORTE, HALL & STEWART  
STREET: 53 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2891  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/617,871  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/846,020  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jarrell Ph.D., Brenda H.  
REGISTRATION NUMBER: 39,223  
REFERENCE/DOCKET NUMBER: 0092662-0012  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 248-5000  
TELEFAX: (617) 248 4000  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid

;  
; DESCRIPTION: /desc = "primer"  
; IMMEDIATE SOURCE:  
; CLONE: Exon 11 antisense primer  
US-09-617-871-37

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1257 AGGAACCCCACTGAGG 1274  
DB 3 ACGAACCTACTGAGGA 20

RESULT 723  
US-09-698-29/c  
; Sequence 29, Application US/09049698  
; Patent No. 6368792  
; GENERAL INFORMATION:  
; APPLICANT: BILLING-MEDEL, PATRICIA A.  
; APPLICANT: COHEN, MAURICE  
; APPLICANT: COLPITTS, TRACEY L.  
; APPLICANT: FRIEDMAN, PAULA N.  
; APPLICANT: HAYDEN, MARK  
; APPLICANT: KLASS, MICHAEL R.  
; APPLICANT: ROBERTS-RAPP, LISA  
; APPLICANT: RUSSELL, JOHN C.  
; APPLICANT: STROUPE, STEPHEN D.  
; TITLE OF INVENTION: REAGENTS AND METHODS FOR THE  
; TITLE OF INVENTION: USEFUL FOR DETECTING DISEASES OF THE GASTROINTESTINAL  
; TITLE OF INVENTION: TRACT  
; NUMBER OF SEQUENCES: 51  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Abbott Laboratories  
; STREET: 100 Abbott Park Road  
; CITY: Abbott Park  
; STATE: IL  
; COUNTRY: USA  
; ZIP: 60064-3500  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/049,698  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/828,856  
; FILING DATE: 31-MAR-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Becker, Cheryl L.  
; REGISTRATION NUMBER: 35,441  
; REFERENCE/DOCKET NUMBER: 6068.US.P1  
; TELEPHONE: 847/935-1729  
; TELEFAX: 847/938-2623  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-049-698-29

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1109 CCCTGACATCTGTTG 1126  
|||||

Db 18 CCCTGACCTTCTACTTG 1

## RESULT 724

US-09-561-497-70/c  
; Sequence 70, Application US/09561497  
; Patent No. 6372433  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR OF DNA BINDING-1 EXPRESSION  
; FILE REFERENCE: RTS-0149  
; CURRENT APPLICATION NUMBER: US/09/561,497  
; CURRENT FILING DATE: 2000-04-28  
; NUMBER OF SEQ ID NOS: 88  
; SEQ ID NO 70  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-561-497-70

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1197 CCGTCCCTCTTTCCGGG 1214  
DB 19 CCGTCCCATCTTGGGG 2

## RESULT 725

US-09-702-327-46  
; Sequence 46, Application US/09702327  
; Patent No. 6426220  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION  
; FILE REFERENCE: RTS-0097  
; CURRENT APPLICATION NUMBER: US/09/702,327  
; CURRENT FILING DATE: 2000-10-30  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 46  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-702-327-46

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 377 CTTCCAGCCAGTCTCGG 394  
DB 2 CTTCCATCCAGTCTCGG 19

## RESULT 726

US-09-222-938A-82/c  
; Sequence 82, Application US/09222938A  
; Patent No. 6437108  
; GENERAL INFORMATION:  
; APPLICANT: Youngman, Philip  
; APPLICANT: Fritze, Christian  
; APPLICANT: Murphy, Christopher  
; APPLICANT: Guzman, Luz-Maria  
; TITLE OF INVENTION: ESSENTIAL BACTERIAL GENES AND THEIR USE  
; FILE REFERENCE: 07334/060001

; CURRENT APPLICATION NUMBER: US/09/222,938A  
; CURRENT FILING DATE: 1998-12-30  
; NUMBER OF SEQ ID NOS: 102  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 82  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Streptococcus pneumoniae  
US-09-222-938A-82

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1700 ACTCTCTGCTACCTGCC 1717  
DB 20 ATTCTGCTCTTGTGCC 3

## RESULT 727

US-09-780-175-139/c  
; Sequence 139, Application US/09780175  
; Patent No. 6440738  
; GENERAL INFORMATION:  
; APPLICANT: Robert McKay  
; APPLICANT: Susan M. Freier  
; APPLICANT: Jacqueline Wyatt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASEIN KINASE 2-BETA EXPRESSION  
; FILE REFERENCE: RTS-0164  
; CURRENT APPLICATION NUMBER: US/09/780,175  
; CURRENT FILING DATE: 2001-02-08  
; NUMBER OF SEQ ID NOS: 154  
; SEQ ID NO 139  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-780-175-139

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 45 AGGACGAGCAGTGACT 62  
DB 19 AGTACCAGGAGACT 2

## RESULT 728

US-09-456-773-7/c  
; Sequence 7, Application US/09456773  
; Patent No. 644152  
; GENERAL INFORMATION:  
; APPLICANT: Johansen, Jack T  
; APPLICANT: Hyldig-Nielsen, Jens J  
; APPLICANT: Flandaca, Mark J  
; APPLICANT: Coull, James M  
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of  
; FILE REFERENCE: BP980705  
; CURRENT APPLICATION NUMBER: US/09/456,773  
; CURRENT FILING DATE: 1999-12-08  
; EARLIER FILING DATE: 60/111,439  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic

; OTHER INFORMATION: probe, primer or target  
US-09-456-773-7

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAGGACCTCAAC 781  
DB 20 TGCTCAGGACCTCAAC 3

## RESULT 729

US-09-499-227-23  
; Sequence 23, Application US/09499227  
; Patent No. 644463  
; GENERAL INFORMATION:  
; APPLICANT: Tapscott, Stephen J.  
; APPLICANT: Olson, James M.  
; TITLE OF INVENTION: Expression of Neurogenic bHLH Genes in Primitive Neuroectode  
; NUMBER OF SEQUENCES: 24  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Christensen O'Connor Johnson Kindness PLLC  
; STREET: 1420 Fifth Avenue, Suite 2800  
; CITY: Seattle  
; STATE: WA  
; COUNTRY: USA  
; ZIP: 98101-2347  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/499,227  
; FILING DATE: 05-August-1998  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/239,238  
; FILING DATE: 06-May-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: WO PCT/US95/05741  
; FILING DATE: 08-May-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US96/17532  
; FILING DATE: 30-October-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/910,973  
; FILING DATE: 07-August-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sheiness, Diana K.  
; REGISTRATION NUMBER: 35,356  
; REFERENCE/DOCKET NUMBER: FPCR-1-12742  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 206-682-8100; 206-224-0735 (direct)  
; TELEFAX: 206-225-0779  
; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 bases  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: oligonucleotide  
US-09-499-227-23

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1665 TCACAGGCGAGCCCCAA 1682  
DB 2 TCACAGTCAGCGCCAA 19

```
RESULT 730
US-09-658-679A-71/c
; Sequence 71, Application US/09658679A
; Patent No. 644464
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0186
; CURRENT APPLICATION NUMBER: US/09/658,679A
; CURRENT FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-658-679A-71

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 503 CTGAGGCTACCTGGAGA 520
Db 20 CTGAGGACAACCTGGAGA 3

RESULT 731
US-09-851-062-43/c
; Sequence 43, Application US/09851062
; Patent No. 6448081
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
; FILE REFERENCE: RTS-0247
; CURRENT APPLICATION NUMBER: US/09/851,062
; CURRENT FILING DATE: 2001-05-07
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-43

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1108 CCCCTGACATCTCGCTT 1125
Db 20 CTCCTGACATCTCGCT 3

RESULT 732
US-09-517-467B-344
; Sequence 344, Application US/09517467B
; Patent No. 6451602
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTS-0150
; CURRENT APPLICATION NUMBER: US/09/517,467B
; CURRENT FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 09/517,467
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 344
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-517-467B-344

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 31 CAGAGTAGGCGAGGAGGA 48
Db 3 CAGAGTAGGCGAGGATGA 20

RESULT 733
US-09-254-322-44
; Sequence 44, Application US/09254322
; Patent No. 6465439
; GENERAL INFORMATION:
; APPLICANT: Nicklin, Paul
; APPLICANT: Phillips, Judith
; APPLICANT: Love, William
; APPLICANT: Hamilton, Karen
; TITLE OF INVENTION: Pharmaceutical Compositions
; FILE REFERENCE: 4-21026/MA 2138/PCT
; CURRENT APPLICATION NUMBER: US/09/254,322
; CURRENT FILING DATE: 1999-03-04
; EARLIER APPLICATION NUMBER: PCT/EP97/04796
; EARLIER FILING DATE: 1997-09-03
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: oligonucleotide
US-09-254-322-44

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCTCAGGCGCAGCCC 1678
Db 3 CCCTCAGGCGCAGCCC 20

RESULT 734
US-09-164-764-14
; Sequence 14, Application US/09164764
; Patent No. 6479234
; GENERAL INFORMATION:
; APPLICANT: SIDRANSKY, DAVID
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID
; SEQUENCE IN TISSUE
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.1
; CURRENT APPLICATION DATA:
```

APPLICATION NUMBER: US/09/164,764  
FILING DATE: 01-Oct-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/854,727  
FILING DATE: 12-MAY-1997  
APPLICATION NUMBER: 08/299,477  
FILING DATE: 31-AUG-1994  
APPLICATION NUMBER: <Unknown>  
FILING DATE: August 31, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Tumarkin, Ph.D., Lisa A.  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: PD-3485  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-455-5100  
TELEFAX: 619-455-5110  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: <Unknown>  
ORIGINAL SOURCE:  
SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
US-09-164-764-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTACTGAGA 592  
|||||  
Db 1 GTGTCAGAGGATCTGAGA 18

RESULT 735  
US-09-164-764-34/c  
Sequence 34, Application US/09164764  
Patent No. 6479234  
GENERAL INFORMATION:  
APPLICANT: SIDANSKY, DAVID  
TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/164,764  
FILING DATE: 01-Oct-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/854,727  
FILING DATE: 12-MAY-1997  
APPLICATION NUMBER: 08/299,477  
FILING DATE: 31-AUG-1994  
APPLICATION NUMBER: <Unknown>  
FILING DATE: August 31, 1994

ATTORNEY/AGENT INFORMATION:  
NAME: Tumarkin, Ph.D., Lisa A.  
REGISTRATION NUMBER: P-38,347  
REFERENCE/DOCKET NUMBER: PD-3485  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-455-5100  
TELEFAX: 619-455-5110  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FRAGMENT TYPE: <Unknown>  
ORIGINAL SOURCE:  
SEQUENCE DESCRIPTION: SEQ ID NO: 34:  
US-09-164-764-34

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTACTGAGA 592  
|||||  
Db 20 GTGTCAGAGGATCTGAGA 3

## RESULT 736

US-09-920-668-37  
Sequence 37, Application US/09920668  
Patent No. 6482644  
GENERAL INFORMATION:  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 8 EXPRESSION  
FILE REFERENCE: RTS-0246  
CURRENT APPLICATION NUMBER: US/09/920,668  
CURRENT FILING DATE: 2001-08-01  
NUMBER OF SEQ ID NOS: 49  
SEQ ID NO 37  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-668-37

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 555 CCTCAGCGCGCGCTCCG 572  
|||||  
Db 1 CCTCAGCGCGCGCTCCG 18

## RESULT 737

US-08-961-309-39  
Sequence 39, Application US/08961309  
Patent No. 6495137  
GENERAL INFORMATION:  
APPLICANT: Mezes, Peter S.  
APPLICANT: Richard, Ruth A.  
APPLICANT: Johnson, Kimberly S.  
APPLICANT: Schlow, Jeffrey  
APPLICANT: Kashmiri, Syed V.S.  
APPLICANT: Shu, Liming  
APPLICANT: Padlan, Eduardo A.  
TITLE OF INVENTION: Composite Antibodies of Humanized Human Subgroup IV Light Chain

;; TITLE OF INVENTION: Capable of Binding to TAG-72  
;; FILE REFERENCE: 37777E  
;; CURRENT APPLICATION NUMBER: US/08/961,309  
;; CURRENT FILING DATE: 1997-10-30  
;; EARLIER APPLICATION NUMBER: US 60/030,173  
;; EARLIER FILING DATE: 1996-10-31  
;; EARLIER APPLICATION NUMBER: US 08/261,354  
;; EARLIER FILING DATE: 1994-06-15  
;; EARLIER APPLICATION NUMBER: US 07/964,536  
;; EARLIER FILING DATE: 1992-10-20  
;; EARLIER APPLICATION NUMBER: US 07/510,697  
;; EARLIER FILING DATE: 1990-07-17  
;; NUMBER OF SEQ ID NOS: 78  
;; SOFTWARE: Microsoft Word 97 SR-2  
;; SEQ ID NO 39  
;; LENGTH: 20  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; NAME/KEY: Primer 3 VL, noncoding  
;; LOCATION: 1..20  
;; OTHER INFORMATION: Reverse oligonucleotide primer for generating DNA encoding a  
;; OTHER INFORMATION: humanized VL  
US-08-961-309-39

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1335 AGCCGAGCGCCCTTTTGAG 1352

Db 1 AGCCGAGCGCCGCTTTTCAG 18

RESULT 738  
US-08-388-852B-29/c  
; Sequence 29, Application US/08388852B  
; Patent No. 6500919  
; GENERAL INFORMATION:  
; APPLICANT: Adema, Gosse Jan; Figdor, Carl Gustav.  
; TITLE OF INVENTION: Melanoma associated antigenic polypeptide,  
; TITLE OF INVENTION: Melanoma associated antigenic polypeptide,  
; TITLE OF INVENTION: epitopes thereof and vaccine against melanoma.  
; NUMBER OF SEQUENCES: 38  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Adema, Gosse Jan; Figdor, Carl Gustav  
; STREET: Philips van Leydenlaan 25  
; CITY: Nijmegen  
; STATE: Brabant  
; COUNTRY: the Netherlands  
; ZIP: 6525 EX  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/388,852B  
; FILING DATE: February 15, 1995  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 314 GCTCTGCACACAGATTG 331  
Db 20 GTTCTGCACACAGATTG 3  
RESULT 739  
US-09-422-978-5836/c  
; Sequence 5836, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 5836  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..20  
; OTHER INFORMATION: upstream amplification primer 99-7212 for SEQ 1902,  
US-09-422-978-5836

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1525 ATTCAGCTCAAAAGGAG 1542

Db 19 ATTCAAATTACATAAGGAG 2

RESULT 740  
US-09-422-978-8572/c  
; Sequence 8572, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...  
; FILE REFERENCE: GENSET.020CP1  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; CURRENT FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 8572  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..20  
; OTHER INFORMATION: downstream amplification primer 99-1664 for SEQ 707, in comple  
US-09-422-978-8572

Query Match 0.8%; Score 13.2; DB 1; Length 20;

```
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1302 GGAGTTCAGACATACAA 1319
      ||||| ||||| |||||
Db 20 GGAGATAGACATACAA 3

RESULT 741
US-10-025-139-44
; Sequence 44, Application US/10025139
; Patent No. 6537973
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dort, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
; FILE REFERENCE: ISIS4954
; CURRENT APPLICATION NUMBER: US/10/025,139
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/089,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-025-139-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCTCAGCGGCGGCC 1678
      ||||| ||||| |||||
Db 3 CCGGTCTCAGCGCGGCC 20

RESULT 742
US-09-198-452A-3591/c
; Sequence 3591, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3591
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3591

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 GGAGAGTCCCTCACCC 836
      ||||| ||||| |||||
Db 19 GGACAGTAGCTCACCC 2

RESULT 743
US-09-198-452A-3605
; Sequence 3605, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3605
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3605

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 756 AGTGTCCCTCTCAAGGA 773
      ||||| ||||| |||||
Db 2 AGATTCCCTCTCAAGGA 19

RESULT 744
US-09-198-452A-4303
; Sequence 4303, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4303
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4303

Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 186 AGACAGACCAATGTGC 203
      ||||| ||||| |||||
Db 2 AGAGAAGACCTTGTGTC 19

RESULT 745
US-09-198-452A-4426
; Sequence 4426, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4426
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4426

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 249 TGACCTGGAGAGCCCC 266
    ||||| ||||| |||||
Db 1 TGTCCCTAGAGAGCCCC 18

RESULT 746
US-09-198-452A-4963
; Sequence 4963, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
; TITLE OF INVENTION:
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4963
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-4963

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1637 GGCAGCGGCTGGAGGGAT 1654
    ||||| ||||| |||||
Db 1 GGCAGAGGCTGGAAGAT 18

RESULT 747
US-09-843-376-22/c
; Sequence 22, Application US/09843376
; Patent No. 6566132
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 1 EXPRESSION
; FILE REFERENCE: RFS-0234
; CURRENT APPLICATION NUMBER: US/09/843,376
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-376-22

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 79 GGGCCCCGGGCTCTGAG 96
    ||||| ||||| |||||
Db 18 GGGCACCAGGATCTGGG 1

RESULT 748
US-09-780-045-101
; Sequence 101, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RFS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-101

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1630 CCCAGCAGCGCGCTG 1647
    ||||| ||||| |||||
Db 3 CCCAGCGGCGCGCCG 20

RESULT 749
US-09-307-106-20/c
; Sequence 20, Application US/09307106
; Patent No. 6603063
; GENERAL INFORMATION:
; APPLICANT: Feitelson, Jerald S.
; APPLICANT: Schnepf, H. Ernest
; APPLICANT: Narva, Kenneth E.
; APPLICANT: Stockhoff, Brian A.
; APPLICANT: Schneits, James
; APPLICANT: Loewer, David
; APPLICANT: Dullum, Charles Joseph
; APPLICANT: Muller-Cohn, Judy
; APPLICANT: Stamp, Lisa
; APPLICANT: Morrill, George
; APPLICANT: Finstad-Lee, Stacey
; TITLE OF INVENTION: No. 6603063el Pesticidal Toxins and Nucleotide
; TITLE OF INVENTION: Sequences Which Encode These Toxins
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 2421 N.W. 41st Street, Suite A-1
; CITY: Gainesville
; STATE: FL
; COUNTRY: US
; ZIP: 32606-6669
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/307,106
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,848
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/960,780
; FILING DATE: 30-OCT-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/073,898
; FILING DATE: 05-MAY-1998
; ATTORNEY/AGENT INFORMATION:
```



NAME: Sanders, Jay M.  
REGISTRATION NUMBER: 39,355  
REFERENCE/DOCKET NUMBER: MA-708C2  
TELEPHONE: 352-375-8100  
TELEFAX: 352-372-5800  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-307-106-20

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1229 AACAGCTACTTCATCT 1246  
|||||  
Db 19 AACAGTACTCTTCCTT 2

RESULT 750  
US-09-307-106-27  
Sequence 27, Application US/09307106  
Patent No. 6603063  
GENERAL INFORMATION:  
APPLICANT: Feitelson, Jerald S.  
APPLICANT: Schnepf, H. Ernest  
APPLICANT: Narva, Kenneth E.  
APPLICANT: Stockhoff, Brian A.  
APPLICANT: Schmeits, James  
APPLICANT: Loewer, David  
APPLICANT: Dullum, Charles Joseph  
APPLICANT: Muller-Cohn, Judy  
APPLICANT: Stamp, Lisa  
APPLICANT: Morrill, George  
APPLICANT: Finstad-Lee, Stacey  
TITLE OF INVENTION: No. 6603063el Pesticidal Toxins and Nucleotide  
TITLE OF INVENTION: Sequences Which Encode These Toxins  
NUMBER OF SEQUENCES: 54  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: US  
ZIP: 32606-6669  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/307,106  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA: US 60/029,848  
APPLICATION NUMBER: 30-OCT-1996  
FILING DATE: 30-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/960,780  
FILING DATE: 30-OCT-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/073,898  
FILING DATE: 05-MAY-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Sanders, Jay M.  
REGISTRATION NUMBER: 39,355  
REFERENCE/DOCKET NUMBER: MA-708C2  
TELECOMMUNICATION INFORMATION:

TELEPHONE: 352-375-8100  
TELEFAX: 352-372-5800  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-307-106-27

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1229 AACAGCTACTTCATCT 1246  
|||||  
Db 2 AACAGTACTCTTCCTT 19

RESULT 751  
US-09-723-368-5  
Sequence 5, Application US/09723368  
Patent No. 6641818  
GENERAL INFORMATION:  
APPLICANT: NORTHWESTERN UNIVERSITY  
APPLICANT: SPEAR, Patricia G.  
APPLICANT: WARNER, Morlyn S.  
APPLICANT: GERAGHTY, Robert G.  
APPLICANT: MARTINEZ, Wanda M.  
APPLICANT: MONTGOMERY, Rebecca I.  
APPLICANT: COHEN, Gary H.  
APPLICANT: EISENBERG, Roselyn J.  
APPLICANT: WHITEBECK, Charles J.  
APPLICANT: KRUMENACHER, Claude  
APPLICANT: UNIVERSITY OF PENNSYLVANIA  
TITLE OF INVENTION: CELLULAR PROTEINS WHICH MEDIATE HERPESVIRUS ENTRY  
FILE REFERENCE: 200290.0050/2U1  
CURRENT APPLICATION NUMBER: US/09/723,368  
CURRENT FILING DATE: 2000-11-28  
PRIOR APPLICATION NUMBER: U.S. 60/087,862  
PRIOR FILING DATE: 1998-06-03  
PRIOR APPLICATION NUMBER: PCT/US99/12235  
PRIOR FILING DATE: 1999-06-02  
NUMBER OF SEQ ID NOS: 26  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 5  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:Primer PRR2A8  
US-09-723-368-5

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 38 AGCAGGAGGACGACGAG 55  
|||||  
Db 3 AAGCAGCAGCAGCAGCAG 20

RESULT 752  
US-09-860-473-46  
Sequence 46, Application US/09860473  
Patent No. 6656732  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Andrew T. Watt  
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION  
FILE REFERENCE: RTS-0222  
CURRENT APPLICATION NUMBER: US/09/860,473

; CURRENT FILING DATE: 2001-05-18  
; NUMBER OF SEQ ID NOS: 169  
; SEQ ID NO 46  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-860-473-46

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 331 GTGACGAGGACTTGAG 348  
Db 1 GTGTCGAGGAGTTGAAG 18

RESULT 753  
US-09-860-473-93/c  
; Sequence 93, Application US/09860473  
; Patent No. 6656732  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION  
; FILE REFERENCE: RTS-0222  
; CURRENT APPLICATION NUMBER: US/09/860,473  
; CURRENT FILING DATE: 2001-05-18  
; NUMBER OF SEQ ID NOS: 169  
; SEQ ID NO 93  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-860-473-93

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1023 CAAGCTGGCTGACTTGG 1040  
Db 19 CAAAGTGGCCGACTTGG 2

RESULT 754  
US-09-860-473-155/c  
; Sequence 155, Application US/09860473  
; Patent No. 6656732  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Andrew T. Watt  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION  
; FILE REFERENCE: RTS-0222  
; CURRENT APPLICATION NUMBER: US/09/860,473  
; CURRENT FILING DATE: 2001-05-18  
; NUMBER OF SEQ ID NOS: 169  
; SEQ ID NO 155  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-860-473-155

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 454 ACTGAGGACATCAACAAG 471

Db 19 ACAGAGTACATGACAAG 2

RESULT 755  
US-09-850-351A-70/c  
; Sequence 70, Application US/09850351A  
; Patent No. 6656908  
; GENERAL INFORMATION:  
; APPLICANT: Feitelson, Gerald S.  
; Schnepf, H. Ernest  
; Narva, Kenneth E.  
; Stockhoff, Brian A.  
; Schmeits, James  
; Loewer, David  
; Dullum, Charles Joseph  
; Muller-Cohn, Judy  
; Stamp, Lisa  
; Morrill, George

; TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide  
Sequences Which Encode These Toxins  
; NUMBER OF SEQUENCES: 144  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
; STREET: 2421 N.W. 41st Street, Suite A-1  
; CITY: Gainesville  
; STATE: FL  
; COUNTRY: US  
; ZIP: 32606-6669

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA: US/09/850,351A  
; FILING DATE: 07-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 09/073,898  
; FILING DATE: 06-May-1998  
; APPLICATION NUMBER: US 08/960,780  
; FILING DATE: 30-Oct-1997  
; APPLICATION NUMBER: US 60/029,848  
; FILING DATE: 30-Oct-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sanders, Jay M.  
; REGISTRATION NUMBER: 39,355  
; REFERENCE/DOCKET NUMBER: MA-708CD1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 352-375-8100  
; TELEFAX: 352-372-5800  
; INFORMATION FOR SEQ ID NO: 70:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 70:  
US-09-850-351A-70

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1229 AACAGCTACACTTCATCT 1246  
Db 19 AACAGCTACTCTTCCTTT 2

RESULT 756  
US-09-850-351A-116

```
/ Sequence 116, Application US/09850351A
/ Patent No. 6656908
/ GENERAL INFORMATION:
/ APPLICANT: Feitelson, Gerald S.
/ Narva, Kenneth E.
/ Schnef, H. Ernest
/ Stockhoff, Brian A.
/ Schmeits, James
/ Loewer, David
/ Dullum, Charles Joseph
/ Muller-Cohn, Judy
/ Stamp, Lisa
/ Morrill, George
/ TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide
/ Sequences Which Encode These Toxins
/ NUMBER OF SEQUENCES: 144
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
/ STREET: 2421 N.W. 41st Street, Suite A-1
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: US
/ ZIP: 32606-6669
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/850,351A
/ FILING DATE: 07-May-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 09/073,898
/ FILING DATE: 06-MAY-1998
/ APPLICATION NUMBER: US 08/960,780
/ FILING DATE: 30-OCT-1997
/ APPLICATION NUMBER: US 60/029,848
/ FILING DATE: 30-OCT-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sanders, Jay M.
/ REGISTRATION NUMBER: 39,355
/ REFERENCE/DOCKET NUMBER: WA-708CD1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352-375-8100
/ TELEFAX: 352-372-5800
/ INFORMATION FOR SEQ ID NO: 116:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ SEQUENCE DESCRIPTION: SEQ ID NO: 116:
US-09-850-351A-116
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1229 AACAGCTACTCTCATCT 1245
Db 2 AACAGCTACTCTCTCTTT 19
RESULT 757
US-09-747-391-169
/ Sequence 169, Application US/09747391
/ Patent No. 6670124
/ GENERAL INFORMATION:
/ APPLICANT: Chow, Robert
/ Applicant: Tonai, Richard
/ APPLICANT: StemCyt, Inc.
/ Sequence 116, Application US/09850351A
/ Patent No. 6656908
/ GENERAL INFORMATION:
/ APPLICANT: Feitelson, Gerald S.
/ Narva, Kenneth E.
/ Schnef, H. Ernest
/ Stockhoff, Brian A.
/ Schmeits, James
/ Loewer, David
/ Dullum, Charles Joseph
/ Muller-Cohn, Judy
/ Stamp, Lisa
/ Morrill, George
/ TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide
/ Sequences Which Encode These Toxins
/ NUMBER OF SEQUENCES: 144
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
/ STREET: 2421 N.W. 41st Street, Suite A-1
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: US
/ ZIP: 32606-6669
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/850,351A
/ FILING DATE: 07-May-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 09/073,898
/ FILING DATE: 06-MAY-1998
/ APPLICATION NUMBER: US 08/960,780
/ FILING DATE: 30-OCT-1997
/ APPLICATION NUMBER: US 60/029,848
/ FILING DATE: 30-OCT-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sanders, Jay M.
/ REGISTRATION NUMBER: 39,355
/ REFERENCE/DOCKET NUMBER: WA-708CD1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352-375-8100
/ TELEFAX: 352-372-5800
/ INFORMATION FOR SEQ ID NO: 116:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ SEQUENCE DESCRIPTION: SEQ ID NO: 116:
US-09-850-351A-116
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1229 AACAGCTACTCTCATCT 1245
Db 2 AACAGCTACTCTCTCTTT 19
RESULT 757
US-09-747-391-169
/ Sequence 169, Application US/09747391
/ Patent No. 6670124
/ GENERAL INFORMATION:
/ APPLICANT: Chow, Robert
/ Applicant: Tonai, Richard
/ APPLICANT: StemCyt, Inc.
/ Sequence 116, Application US/09850351A
/ Patent No. 6656908
/ GENERAL INFORMATION:
/ APPLICANT: Feitelson, Gerald S.
/ Narva, Kenneth E.
/ Schnef, H. Ernest
/ Stockhoff, Brian A.
/ Schmeits, James
/ Loewer, David
/ Dullum, Charles Joseph
/ Muller-Cohn, Judy
/ Stamp, Lisa
/ Morrill, George
/ TITLE OF INVENTION: High Throughput Methods of HLA Typing
/ FILE REFERENCE: 020035-000210US
/ CURRENT APPLICATION NUMBER: US/09/747,391
/ PRIOR FILING DATE: 2001-07-13
/ PRIOR APPLICATION NUMBER: US 60/172,768
/ PRIOR FILING DATE: 1999-12-20
/ NUMBER OF SEQ ID NOS: 278
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 169
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ ORGANISM: Homo sapiens
US-09-747-391-169
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 75.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
Qy 1427 TCTCCGCGAGGATGCCATG 1446
Db 1 TCCYCGCAGGAGGATTCGTG 20
RESULT 758
US-09-980-052-25/c
/ Sequence 25, Application US/09980052
/ Patent No. 6670130
/ GENERAL INFORMATION:
/ APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
/ APPLICANT: KIM, Cheol Min
/ APPLICANT: PARK, Hee Kyung
/ TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteri
/ FILE REFERENCE: PP05020/PCT
/ CURRENT APPLICATION NUMBER: US/09/980,052
/ CURRENT FILING DATE: 2001-11-28
/ PRIOR APPLICATION NUMBER: KR 10-1999-0019631
/ PRIOR FILING DATE: 1999-05-29
/ PRIOR APPLICATION NUMBER: KR 10-1999-0019632
/ PRIOR FILING DATE: 1999-05-29
/ PRIOR APPLICATION NUMBER: KR 10-1999-0019633
/ PRIOR FILING DATE: 1999-05-29
/ PRIOR APPLICATION NUMBER: KR 10-1999-0019634
/ PRIOR FILING DATE: 1999-05-29
/ PRIOR APPLICATION NUMBER: KR 10-1999-0019635
/ PRIOR FILING DATE: 1999-05-29
/ PRIOR APPLICATION NUMBER: KR 10-2000-0018189
/ PRIOR FILING DATE: 2000-04-07
/ NUMBER OF SEQ ID NOS: 243
/ SOFTWARE: Kopatentin 1.71
/ SEQ ID NO 25
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium avium
/ OTHER INFORMATION: complex(MAC)
US-09-980-052-25
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1644 GCTGGAGGGATGCCACAC 1661
Db 18 GATGGAGGGACTCCACAC 1
RESULT 759
US-09-980-052-81/c
/ Sequence 81, Application US/09980052
/ Patent No. 6670130
/ GENERAL INFORMATION:
/ APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
/ Sequence 116, Application US/09850351A
/ Patent No. 6656908
/ GENERAL INFORMATION:
/ APPLICANT: Feitelson, Gerald S.
/ Narva, Kenneth E.
/ Schnef, H. Ernest
/ Stockhoff, Brian A.
/ Schmeits, James
/ Loewer, David
/ Dullum, Charles Joseph
/ Muller-Cohn, Judy
/ Stamp, Lisa
/ Morrill, George
/ TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide
/ Sequences Which Encode These Toxins
/ NUMBER OF SEQUENCES: 144
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
/ STREET: 2421 N.W. 41st Street, Suite A-1
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: US
/ ZIP: 32606-6669
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/850,351A
/ FILING DATE: 07-May-2001
/ CLASSIFICATION: <Unknown>
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 09/073,898
/ FILING DATE: 06-MAY-1998
/ APPLICATION NUMBER: US 08/960,780
/ FILING DATE: 30-OCT-1997
/ APPLICATION NUMBER: US 60/029,848
/ FILING DATE: 30-OCT-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sanders, Jay M.
/ REGISTRATION NUMBER: 39,355
/ REFERENCE/DOCKET NUMBER: WA-708CD1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352-375-8100
/ TELEFAX: 352-372-5800
/ INFORMATION FOR SEQ ID NO: 116:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ SEQUENCE DESCRIPTION: SEQ ID NO: 116:
US-09-850-351A-116
Query Match 0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 1229 AACAGCTACTCTCATCT 1245
Db 2 AACAGCTACTCTCTCTTT 19
RESULT 757
US-09-747-391-169
/ Sequence 169, Application US/09747391
/ Patent No. 6670124
/ GENERAL INFORMATION:
/ APPLICANT: Chow, Robert
/ Applicant: Tonai, Richard
/ APPLICANT: StemCyt, Inc.
```

```
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/09/980,052
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: Kopatentin 1.71
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium terrae
US-09-980-052-81

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      425 TGCGCAACCATCCCCAC 442
Db      18 TGTGACCCAGCCCCAC 1

RESULT 760
PCT-US93-00977-221/c
; Sequence 221, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 221:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
```

```
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US93-00977-221

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1384 GACCTCTCACCAGCTG 1401
Db      18 GACCTTCTCAGCAGCAG 1

RESULT 761
PCT-US93-02213-44
; Sequence 44, Application PC/TUS9302213
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett
; TITLE OF INVENTION: Oligonucleotide Modulation of Protein
; NUMBER OF SEQUENCES: 54
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/02213
; FILING DATE: 19930225
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 852,852
; FILING DATE: March 16, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0872
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
PCT-US93-02213-44

Query Match      0.8%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1661 CCCCTCACAGGCAGCCC 1678
Db      3 CCCGTCTCAGGCAGCCC 20

RESULT 762
PCT-US94-07770-44
; Sequence 44, Application PC/TUS9407770
; GENERAL INFORMATION:
; APPLICANT: Nicholas Dean, C. Frank Bennett and
; APPLICANT: Russell T. Boggs
; TITLE OF INVENTION: Oligonucleotide Modulation of
```

Kinase C

;; TITLE OF INVENTION: Protein  
;; NUMBER OF SEQUENCES: 119  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Woodcock Washburn Kurtz  
;; ADDRESSEE: Mackiewicz & Norris  
;; STREET: One Liberty Place - 46th Floor  
;; CITY: Philadelphia  
;; STATE: PA  
;; COUNTRY: USA  
;; ZIP: 19103  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB  
;; MEDIUM TYPE: STORAGE  
;; COMPUTER: IBM PS/2  
;; OPERATING SYSTEM: PC-DOS  
;; SOFTWARE: WORDPERFECT 5.1  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/US94/07770  
;; FILING DATE: herewith  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 852,852  
;; FILING DATE: March 15, 1992  
;; APPLICATION NUMBER: 08/089,996  
;; FILING DATE: July 9, 1993  
;; APPLICATION NUMBER: 08/199,779  
;; FILING DATE: February 22, 1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Rebecca Ralph Gaumond  
;; REGISTRATION/DOCKET NUMBER: ISFS-1546  
;; REFERENCE/DOCKET NUMBER: ISFS-1546  
;; TELEPHONE: (215) 568-3100  
;; TELEFAX: (215) 568-3439  
;; INFORMATION FOR SEQ ID NO: 44:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; ANTI-SENSE: yes  
PCT-US94-07770-44

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1661 CCCTCAGGCGCAGCCC 1678  
Db 3 CCGCTCAGGCGCAGCCC 20

RESULT 763  
PCT-US95-11233-14  
; Sequence 14, Application PC/TUS9511233  
; GENERAL INFORMATION:  
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE  
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID  
; NUMBER OF SEQUENCES: 40  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson  
; STREET: 4225 Executive Square, Suite 1400  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/11233

;; FILING DATE: 31-AUG-1995  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Haile, Ph.D., Lisa A.  
;; REGISTRATION NUMBER: 38,347  
;; REFERENCE/DOCKET NUMBER: 07265/035001  
;; TELEPHONE: 619-678-5070  
;; TELEFAX: 619-678-5099  
;; TELEX:  
;; INFORMATION FOR SEQ ID NO: 14:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: CDNA  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; FRAGMENT TYPE:  
;; ORIGINAL SOURCE:  
PCT-US95-11233-14

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GTGTCAGCCTCTCTGAGA 592  
Db 1 GTGTCAGGAGTCTGAGA 18

RESULT 764  
PCT-US95-11233-34/c  
; Sequence 34, Application PC/TUS9511233  
; GENERAL INFORMATION:  
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE  
; TITLE OF INVENTION: DETECTION OF HYPERMUTABLE NUCLEIC ACID  
; NUMBER OF SEQUENCES: 40  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson  
; STREET: 4225 Executive Square, Suite 1400  
; CITY: La Jolla  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 92037  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq Version 1.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/11233  
; FILING DATE: 31-AUG-1995  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Haile, Ph.D., Lisa A.  
; REGISTRATION NUMBER: 38,347  
; REFERENCE/DOCKET NUMBER: 07265/035001  
; TELEPHONE: 619-678-5070  
; TELEFAX: 619-678-5099  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 34:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid

; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE:  
; ORIGINAL SOURCE:  
PCT-US95-11233-34

Query Match 0.8%; Score 13.2; DB 1; Length 20;  
Best Local Similarity 83.3%; Pred. No. 4.8e+02;  
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 575 GGTGTCAGGCTATCTGAGA 532  
Db 20 GTGTCAGAGATCTGAGA 3

RESULT 765  
US-08-291-932A-318  
; Sequence 318, Application US/08291932A  
; Patent No. 5658780

; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: NF-KB  
; NUMBER OF SEQUENCES: 830  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/291,932A  
; FILING DATE: August 15, 1994  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/245,466

Two

; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/157  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 318:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-291-932A-318

Query Match 0.7%; Score 13; DB 1; Length 15;

Best Local Similarity 69.2%; Pred. No. 3.3e+02;  
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 538 CCCATCTTTGACA 550  
Db 3 CCCAUCUUGACA 15

RESULT 766

US-09-043-123-5  
; Sequence 5, Application US/09043123A  
; Patent No. 6096521  
; GENERAL INFORMATION:  
; APPLICANT: HAAS, Rainer  
; APPLICANT: ODENBREIT, Stefan  
; APPLICANT: MEYER, Thomas F.  
; APPLICANT: BLUM, Andre  
; APPLICANT: CORTHESY-THEULAZ, Irene  
; TITLE OF INVENTION: NEW ADHESIN FROM HELICOBACTER PYLORI  
; FILE REFERENCE: 05648004  
; CURRENT APPLICATION NUMBER: US/09/043,123A  
; CURRENT FILING DATE: 1998-06-26  
; EARLIER APPLICATION NUMBER: DE/195 35 321.8  
; EARLIER FILING DATE: 1995-09-22  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: Patent in Ver. 2.0  
; SEQ ID NO 5  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-043-123-5

Query Match 0.7%; Score 13; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 229 AGTGGTGGTGGTG 241  
Db 3 AGTGGTGGTGGTG 15

RESULT 767

US-09-475-947A-267  
; Sequence 267, Application US/09475947A  
; Patent No. 6472154  
; GENERAL INFORMATION:  
; APPLICANT: Garner, Harold R.  
; APPLICANT: Wren, Jonathan D.  
; APPLICANT: Minna, John D.  
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes  
; FILE REFERENCE: UTSD0667  
; CURRENT APPLICATION NUMBER: US/09/475,947A  
; CURRENT FILING DATE: 1999-12-31  
; NUMBER OF SEQ ID NOS: 346  
; SOFTWARE: Patent in Ver. 2.1  
; SEQ ID NO 267  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: human  
US-09-475-947A-267

Query Match 0.7%; Score 13; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 3.3e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 231 TGGTGGTGGTGGC 243  
Db 1 TGGTGGTGGTGGC 13

RESULT 768

US-08-192-300-6  
; Sequence 6, Application US/08192300  
; Patent No. 5580759  
; GENERAL INFORMATION:  
; APPLICANT: Yang, Yih-Sheng  
; APPLICANT: Tucker, Philip W.  
; APPLICANT: Capra, J. Donald  
; TITLE OF INVENTION: CONSTRUCTION OF RECOMBINANT DNA BY  
; TITLE OF INVENTION: EXONUCLEASE RESECTION  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 77210  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy Disk  
; COMPUTER: IBM PC Compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: ASCII-DOS  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192,300  
; FILING DATE: February 3, 1994  
; CLASSIFICATION: 535  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Denise L. Mayfield  
; REGISTRATION NUMBER: 33,732  
; REFERENCE/DOCKET NUMBER: UTSD:327  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (512) 320-7200  
; TELEFAX: (512) 474-7577  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: Nucleic acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; MOLECULE TYPE: Oligonucleotide  
US-08-192-300-6  
Query Match 0.7%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 230 GTGGTGGTGGTGG 242  
Db 5 GTGGTGGTGGTGG 17  
RESULT 769  
US-08-881-450A-15  
; Sequence 15, Application US/08881450A  
; Patent No. 6274310  
; GENERAL INFORMATION:  
; APPLICANT: Habener, J.F. and Stoffers, D.A.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING  
; TITLE OF INVENTION: PANCREATIC DISEASE  
; NUMBER OF SEQUENCES: 24  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Banner & Witcoff, Inc.  
; STREET: One Financial Center  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WordPerfect 6.1  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/881,450A  
; FILING DATE: June 24, 1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kathleen M. Williams  
; REGISTRATION NUMBER: 34,380  
; REFERENCE/DOCKET NUMBER: 11275/7823  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-345-9100  
; TELEFAX: 617-345-9111  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; FEATURE:  
; OTHER INFORMATION: Mutant primer for allele-specific  
; OTHER INFORMATION: hybridization analysis of IPF-1 gene.  
US-08-881-450A-15  
Query Match 0.7%; Score 13; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 4.1e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1668 CAGGCGAGCCCCC 1680  
Db 1 CAGGCGAGCCCCC 13  
RESULT 770  
US-08-584-040-4302  
; Sequence 4302, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wardburg, Richard J.  
; REGISTRATION NUMBER: 32,327

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, , REFERENCE/DOCKET NUMBER: 218./064
, ,
, , TELECOMMUNICATION INFORMATION:
, , TELEPHONE: (213) 489-1600
, , TELEFAX: (213) 955-0440
, , TELEX: 67-3510
, , INFORMATION FOR SEQ ID NO: 4302:
, ,
, , SEQUENCE CHARACTERISTICS:
, , LENGTH: 17 base pairs
, , TYPE: nucleic acid
, , STRANDEDNESS: single
, , TOPOLOGY: linear
, , US-08-584-040-4302

```

Query Match 0.7%; Score 13; DB 1; Length 17;  
Best Local Similarity 69.2%; Pred. No. 4.1e+02;  
Matches 9; Conservative 4; Mismatches 0; Indels

Qy 1701 CTCTCTGCCTACC 1713  
|:|:|:|:|:|:  
Db 5 CUCUCUGCCUACC 17

```

RESULT 771
US-08-584-040-7660
; Sequence 7660, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES OR
; CONDITIONS RELATED TO LEVELS
; OF VASCULAR ENDOTHELIAL
; GROWTH FACTOR
;

```

Query Match 0.7%; Score 13; DB 1; Length 17;  
Best Local Similarity 69.2%; Pred. No. 4.1e+02;  
Matches 9; Conservative 4; Mismatches 0; Indels

Qy 1033 GACTTTGGCCCTGG 1045  
Dp 5 GACUUGGCCUGG 17

```

RESULT 772
US-08-584-040-7676
; Sequence 7676, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Payco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES OR
; CONDITIONS RELATED TO LEIS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502

```

Query Match 0.7%; Score 13; DB 1; Length 17;  
Best Local Similarity 69.2%; Pred. No. 4.1e+02;  
Matches 9; Conservative 4; Mismatches 0; Indels

QY 539 CCATCTTTGACAA 551  
|||:::||  
pb 5 CCAUCUUGACAA 17

RESULT 773  
US-09-371-772B-2069



```
; Sequence 2069, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2069
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2069

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 4.1e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1701 CTCCTCGCTACC 1713
Db 5 CUCUCUGCCUACC 17

RESULT 774
US-09-371-772B-3449
; Sequence 3449, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3449
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3449

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 4.1e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1033 GACITTTGGCCTGG 1045
Db 5 GACUUUGCCUGG 17

RESULT 775
US-09-371-772B-3461
; Sequence 3461, Application US/09371772B
```

```
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3461
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3461

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 4.1e+02;
Matches 9; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 539 CCATCTTTGACAA 551
Db 5 CCAUUCUUGACAA 17

RESULT 776
US-09-371-772B-6704
; Sequence 6704, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6704
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6704

Query Match          0.7%; Score 13; DB 1; Length 17;
Best Local Similarity 84.8%; Pred. No. 4.1e+02;
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 820 GAGAAGTCCCTCA 832
Db 1 GAGAAGUCCUCA 13

RESULT 777
US-09-371-772B-6819
; Sequence 6819, Application US/09371772B
; Patent No. 6566127
```



;; TITLE OF INVENTION: PEPTIDES THAT INDUCE ANTIBODIES WHICH  
;; TITLE OF INVENTION: NEUTRALIZE GENETICALLY DIVERGENT HIV-1 ISOLATES.

;; NUMBER OF SEQUENCES: 50

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: BIERMAN & MUSERLIAN

;; STREET: 600 THIRD AVENUE

;; CITY: NEW YORK

;; STATE: NEW YORK

;; COUNTRY: USA

;; ZIP: 10016

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: FLOPPY DISK

;; COMPUTER: IBM PC COMPATIBLE

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: WORDPERFECT 5.1

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/473,576

;; FILING DATE: 07-JUN-1995

;; CLASSIFICATION: 424

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: US/08/361,479

;; FILING DATE: 22-DEC-1994

;; APPLICATION NUMBER: 07/932,787

;; FILING DATE: 29-AUG-1992

;; APPLICATION NUMBER: A 987/92

;; FILING DATE: 14-MAY-1992

;; ATTORNEY/AGENT INFORMATION:

;; NAME: CHARLES A. MUSERLIAN

;; REGISTRATION NUMBER: 19,683

;; REFERENCE/DOCKET NUMBER: 366.015

;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: 212-661-8000

;; TELEFAX: 212-661-8002

;; INFORMATION FOR SEQ ID NO: 29:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 18

;; TYPE: NUCLEIC ACID

;; STRANDEDNESS: SINGLE

;; TOPOLOGY: LINEAR

;; MOLECULE TYPE: POLYNUCLEOTIDE

;; HYPOTHETICAL: NO

;; ORIGINAL SOURCE:

;; ORGANISM: HIV-1

;; STRAIN:

;; INDIVIDUAL ISOLATE: SF170

;; DEVELOPMENTAL STAGE:

;; HAPLOTYPE:

;; TISSUE TYPE:

;; CELL TYPE:

;; CELL LINE:

;; ORGANELLE:

;; FEATURE:

;; NAME/KEY:

;; LOCATION:

;; IDENTIFICATION METHOD:

;; OTHER INFORMATION: SEQUENCE FROM GP160

;; US-08-473-576-29

Query Match 0.7%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1733 TGCCCACTTGTC 1745  
|||  
DB 18 TGCCCACTTGTC 6

RESULT 781

US-08-843-718-29/c

; Sequence 29, Application US/08843718

; Patent No. 5866694

; GENERAL INFORMATION:

; APPLICANT: KATINGER, HERMAN; RUEKER, FLORIAN; HIMMLER,

;; APPLICANT: GOTTFRIED; MUSTER, THOMAS; TRKOLA, ALEXANDRA; PURTSCHER, MARTIN; MAIL  
;; APPLICANT: GEORG; STEINDL, FRANZ  
;; TITLE OF INVENTION: PEPTIDES THAT INDUCE ANTIBODIES WHICH  
;; TITLE OF INVENTION: NEUTRALIZE GENETICALLY DIVERGENT HIV-1 ISOLATES.

;; NUMBER OF SEQUENCES: 50

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: BIERMAN & MUSERLIAN

;; STREET: 600 THIRD AVENUE

;; CITY: NEW YORK

;; STATE: NEW YORK

;; COUNTRY: USA

;; ZIP: 10016

;; COMPUTER READABLE FORM:

;; MEDIUM TYPE: FLOPPY DISK

;; COMPUTER: IBM PC COMPATIBLE

;; OPERATING SYSTEM: PC-DOS/MS-DOS

;; SOFTWARE: WORDPERFECT 5.1

;; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/843,718

;; FILING DATE:

;; CLASSIFICATION: 530

;; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: 07/932,787

;; FILING DATE: 29-AUG-1992

;; APPLICATION NUMBER: A 987/92

;; FILING DATE: 14-MAY-1992

;; ATTORNEY/AGENT INFORMATION:

;; NAME: CHARLES A. MUSERLIAN

;; REGISTRATION NUMBER: 19,683

;; REFERENCE/DOCKET NUMBER: 366.015

;; TELECOMMUNICATION INFORMATION:

;; TELEPHONE: 212-661-8000

;; TELEFAX: 212-661-8002

;; INFORMATION FOR SEQ ID NO: 29:

;; SEQUENCE CHARACTERISTICS:

;; LENGTH: 18

;; TYPE: NUCLEIC ACID

;; STRANDEDNESS: SINGLE

;; TOPOLOGY: LINEAR

;; MOLECULE TYPE: POLYNUCLEOTIDE

;; HYPOTHETICAL: NO

;; ORIGINAL SOURCE:

;; ORGANISM: HIV-1

;; STRAIN:

;; INDIVIDUAL ISOLATE: SF170

;; DEVELOPMENTAL STAGE:

;; HAPLOTYPE:

;; TISSUE TYPE:

;; CELL TYPE:

;; CELL LINE:

;; ORGANELLE:

;; FEATURE:

;; NAME/KEY:

;; LOCATION:

;; IDENTIFICATION METHOD:

;; OTHER INFORMATION: SEQUENCE FROM GP160

;; US-08-843-718-29

Query Match 0.7%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1733 TGCCCACTTGTC 1745  
|||  
DB 18 TGCCCACTTGTC 6

RESULT 782

US-09-029-213B-20

; Sequence 20, Application US/09029213B

; Patent No. 6180098

; GENERAL INFORMATION:

; APPLICANT: CHRISTIAN, Peter D.

;; TITLE OF INVENTION: RECOMBINANT HELICOVERPA BACULOVIRUSES  
;; TITLE OF INVENTION: EXPRESSING HETEROLOGOUS DNA  
;; NUMBER OF SEQUENCES: 27  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: McDermott, Will & Emery  
;; STREET: 600 13th Street, NW  
;; CITY: Washington  
;; STATE: District of Columbia  
;; COUNTRY: USA  
;; ZIP: 20005  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.30  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/029,213B  
;; FILING DATE: 31-AUG-1998  
;; CLASSIFICATION: 424  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Joseph Hyosuk Kim  
;; REGISTRATION NUMBER: 41,425  
;; REFERENCE/DOCKET NUMBER: 50179-048  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-756-8000  
;; TELEFAX: 202-756-8087  
;; INFORMATION FOR SEQ ID NO: 20:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
US-09-029-213B-20

Query Match 0.7%; Score 13; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 4.5e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1477 CGGATCCCAAAAC 1489  
DB |||||

## RESULT 783

US-09-254-352B-33/c  
;; Sequence 33, Application US/09254352B  
;; Patent No. 6365350  
;; GENERAL INFORMATION:  
;; APPLICANT: HAYASHIZAKI, Yoshihide  
;; TITLE OF INVENTION: METHOD OF DNA SEQUENCING  
;; FILE REFERENCE: 024705-080  
;; CURRENT APPLICATION NUMBER: US/09/254,352B  
;; CURRENT FILING DATE: 1999-11-10  
;; PRIOR APPLICATION NUMBER: PCT/JP98/03039  
;; PRIOR FILING DATE: 1998-07-06  
;; PRIOR APPLICATION NUMBER: JP 10-155847  
;; PRIOR FILING DATE: 1998-06-04  
;; PRIOR APPLICATION NUMBER: JP 9-196478  
;; PRIOR FILING DATE: 1997-07-07  
;; NUMBER OF SEQ ID NOS: 64  
;; SOFTWARE: PatentIn Ver. 2.0  
;; SEQ ID NO 33  
;; LENGTH: 19  
;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Description of Artificial Sequence: mutant T7 RNA polymerase P644  
US-09-254-352B-33

Query Match 0.7%; Score 13; DB 1; Length 19;  
Best Local Similarity 100.0%; Pred. No. 4.9e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1100 GGTACCGGCCCC 1112  
DB |||||

## RESULT 784

US-08-136-811-15/c  
;; Sequence 15, Application US/08136811  
;; Patent No. 5510239  
;; GENERAL INFORMATION:  
;; APPLICANT: Baracchini, Jr., Edgardo and Bennett,  
;; APPLICANT: Clarence Frank  
;; TITLE OF INVENTION: Oligonucleotide Interference with  
;; TITLE OF INVENTION: Multidrug Resistance  
;; NUMBER OF SEQUENCES: 25  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Law Offices of Jane Massey Licata  
;; STREET: 210 Lake Drive East, Suite 201  
;; CITY: Cherry Hill  
;; STATE: NJ  
;; COUNTRY: USA  
;; ZIP: 08002  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
;; COMPUTER: IBM PS/2  
;; OPERATING SYSTEM: PC-DOS  
;; SOFTWARE: WORDPERFECT 5.1  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/136,811  
;; FILING DATE: Herewith  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Jane Massey Licata  
;; REGISTRATION NUMBER: 32,257  
;; REFERENCE/DOCKET NUMBER: ISPH-  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (609) 779-2400  
;; TELEFAX: (609) 779-8488  
;; INFORMATION FOR SEQ ID NO: 15:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 20  
;; TYPE: Nucleic Acid  
;; STRANDEDNESS: Single  
;; TOPOLOGY: Linear  
;; ANTI-SENSE: Yes  
US-08-136-811-15

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e-02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 741 CACCGCCATCCGG 753  
DB |||||

## RESULT 785

US-08-495-034-11/c  
;; Sequence 11, Application US/08495034  
;; Patent No. 5698443  
;; GENERAL INFORMATION:  
;; APPLICANT: HENDERSON, Daniel R  
;; APPLICANT: SCHUUR, Eric R  
;; TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS  
;; NUMBER OF SEQUENCES: 14  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: FLEHR, ROHBACH, TEST, ALBRITTON & HERBERT  
;; STREET: 4 Embarcadero Center, Suite 3400  
;; CITY: San Francisco

STATE: California  
COUNTRY: USA  
ZIP: 94111-4187  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/495,034  
FILING DATE: 27-JUN-1995  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Rowland Ph.D., Bertram I  
REGISTRATION NUMBER: 20,015  
REFERENCE/DOCKET NUMBER: A-62215/BIR  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 494-8700  
TELEFAX: (415) 494-8771  
TELEX: 910 277299  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-495-034-11

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 901 ATGCACACACGTGA 913  
Db 17 ATGCACACACGTGA 5

RESULT 786  
US-08-835-770-15/c  
Sequence 15, Application US/08835770  
Patent No. 5801154  
GENERAL INFORMATION:  
APPLICANT: Edgardo Baracchini, Jr., C. Frank Bennett  
APPLICANT: and Nicholas M. Dean  
TITLE OF INVENTION: Oligonucleotide Modulation of Multidrug  
TITLE OF INVENTION: Resistance-Associated Protein  
NUMBER OF SEQUENCES: 28  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002  
COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/835,770  
FILING DATE: Herewith  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/136,811  
FILING DATE: 10/18/93  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/628,731  
FILING DATE: 04/16/96  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0208  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-835-770-15

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 741 CACGCCATCCGG 753  
Db 14 CACGCCATCCGG 2

RESULT 787  
US-08-628-731-15/c  
Sequence 15, Application US/08628731  
Patent No. 5807838  
GENERAL INFORMATION:  
APPLICANT: Baracchini, Jr., Edgardo and Bennett,  
APPLICANT: Clarence Frank  
TITLE OF INVENTION: Oligonucleotide Interference with  
TITLE OF INVENTION: Multidrug Resistance  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ  
COUNTRY: USA  
ZIP: 08002

COMPUTER READABLE FORM:  
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: WORDPERFECT 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/628,731  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/136,811  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jane Massey Licata  
REGISTRATION NUMBER: 32,257  
REFERENCE/DOCKET NUMBER: ISPH-  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (609) 779-2400  
TELEFAX: (609) 779-8488  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
ANTI-SENSE: Yes  
US-08-628-731-15

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 741 CACGCCATCCGG 753  
Db 14 CACGCCATCCGG 2

Db 14 CACCGCCATCCGG 2

RESULT 788  
US-08-757-653-164/c  
; Sequence 164, Application US/08/757653  
; Patent No. 5843669  
; GENERAL INFORMATION:  
; APPLICANT: Kaiser, Michael W.  
; APPLICANT: Lyamichev, Victor I.  
; APPLICANT: Lyamichev, Natasha  
; TITLE OF INVENTION: Cleavage Of Nucleic Acid Using  
; TITLE OF INVENTION: Thermostable FEN-1 Endonucleases  
; NUMBER OF SEQUENCES: 190  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Medlen & Carroll, LLP  
; STREET: 220 Montgomery Street, Suite 2200  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States Of America  
; ZIP: 94104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/757,653  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ingolia, Diane E.  
; REGISTRATION NUMBER: 40,027  
; REFERENCE/DOCKET NUMBER: FORS-02565  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 705-8410  
; TELEFAX: (415) 387-8338  
; INFORMATION FOR SEQ ID NO: 164:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "DNA"  
US-08-757-653-164

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGTGGCCGAGG 182  
Db 19 GAGTGGCCGAGG 7

RESULT 789  
US-08-669-753-27/c  
; Sequence 27, Application US/08669753  
; Patent No. 5871726  
; GENERAL INFORMATION:  
; APPLICANT: HENDERSON, Daniel R.  
; APPLICANT: SCHUUR, Eric R.  
; TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS  
; NUMBER OF SEQUENCES: 40  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT  
; STREET: 4 Embarcadero Center, Suite 3400  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-4187  
; COMPUTER READABLE FORM:

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGTGGCCGAGG 182  
Db 19 GAGTGGCCGAGG 7

RESULT 790  
US-08-743-637B-199  
; Sequence 199, Application US/08743637B  
; Patent No. 5994066  
; GENERAL INFORMATION:  
; APPLICANT: BERGERON, Michel G.  
; APPLICANT: PICARD, Francois J.  
; APPLICANT: OUELLETTE, Marc  
; APPLICANT: ROY, Paul H.  
; TITLE OF INVENTION: SPECIES-SPECIFIC AND UNIVERSAL DNA  
; TITLE OF INVENTION: PROBES AND AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND  
; TITLE OF INVENTION: IDENTIFY COMMON BACTERIAL PATHOGENS AND ASSOCIATED  
; TITLE OF INVENTION: ANTIBIOTIC RESISTANCE GENES FROM CLINICAL SPECIMENS ...  
; NUMBER OF SEQUENCES: 273  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: QUARLES & BRADY  
; STREET: 411 EAST WISCONSIN AVENUE  
; CITY: MILWAUKEE  
; STATE: WISCONSIN  
; COUNTRY: USA  
; ZIP: 53202-4497  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/743,637B  
; FILING DATE: 04-NOV-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/526,840  
; FILING DATE: 11-SEP-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BAKER, Jean C.  
; REGISTRATION NUMBER: 35,433  
; REFERENCE/DOCKET NUMBER: 850586.90012  
; TELECOMMUNICATION INFORMATION:

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 901 ATGCACAACTGA 913  
Db 17 ATGCACAACTGA 5

RESULT 791  
US-08-743-637B-199  
; Sequence 199, Application US/08743637B  
; Patent No. 5994066  
; GENERAL INFORMATION:  
; APPLICANT: BERGERON, Michel G.  
; APPLICANT: PICARD, Francois J.  
; APPLICANT: OUELLETTE, Marc  
; APPLICANT: ROY, Paul H.  
; TITLE OF INVENTION: SPECIES-SPECIFIC AND UNIVERSAL DNA  
; TITLE OF INVENTION: PROBES AND AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND  
; TITLE OF INVENTION: IDENTIFY COMMON BACTERIAL PATHOGENS AND ASSOCIATED  
; TITLE OF INVENTION: ANTIBIOTIC RESISTANCE GENES FROM CLINICAL SPECIMENS ...  
; NUMBER OF SEQUENCES: 273  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: QUARLES & BRADY  
; STREET: 411 EAST WISCONSIN AVENUE  
; CITY: MILWAUKEE  
; STATE: WISCONSIN  
; COUNTRY: USA  
; ZIP: 53202-4497  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/743,637B  
; FILING DATE: 04-NOV-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/526,840  
; FILING DATE: 11-SEP-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BAKER, Jean C.  
; REGISTRATION NUMBER: 35,433  
; REFERENCE/DOCKET NUMBER: 850586.90012  
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (414) 277-5000  
TELEFAX: (414) 277-5591  
INFORMATION FOR SEQ ID NO: 199:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-743-637B-199

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 782 AGCCACATCGT 794  
| | | | |  
Db 2 AGCCACATCGT 14

RESULT 791  
US-08-823-516-62/c  
Sequence 62, Application US/08823516  
Patent No. 5994069  
GENERAL INFORMATION:  
APPLICANT: Hall, Jeff G.  
APPLICANT: Lyamichev, Victor I.  
APPLICANT: Mast, Andrea L.  
APPLICANT: Brow, Mary Ann D.  
TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple  
TITLE OF INVENTION: Sequential Invasive Cleavages  
NUMBER OF SEQUENCES: 163  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Medlen & Carroll, LLP  
STREET: 220 Montgomery Street, Suite 2200  
CITY: San Francisco  
STATE: California  
COUNTRY: United States Of America  
ZIP: 94104  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/823,516  
FILING DATE: 24-MAR-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US97/01072  
FILING DATE: 21-JAN-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/759,038  
FILING DATE: 02-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/758,314  
FILING DATE: 02-DEC-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/756,386  
FILING DATE: 29-NOV-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/682,853  
FILING DATE: 12-JUL-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/599,491  
FILING DATE: 24-JAN-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Ingolia, Diane E.  
REGISTRATION NUMBER: 40,027  
REFERENCE/DOCKET NUMBER: FORS-02736  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 705-8410  
TELEFAX: (415) 397-8338

INFORMATION FOR SEQ ID NO: 62:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
US-08-823-516-62

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 GAGTGCGCCGAGG 182  
| | | | |  
Db 19 GAGTGCGCCGAGG 7

RESULT 792  
US-09-289-267-68  
Sequence 68, Application US/09289267A  
Patent No. 6046320  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION  
FILE REFERENCE: RTS-0049  
CURRENT APPLICATION NUMBER: US/09/289,267A  
CURRENT FILING DATE: 1999-04-04  
NUMBER OF SEQ ID NOS: 166  
SEQ ID NO 68  
LENGTH: 20  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-267-68

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1575 AGGCGGCCGAGCT 1587  
| | | | |  
Db 2 AGGCGGCCGAGCT 14

RESULT 793  
US-09-018-034-1  
Sequence 1, Application US/09018034  
Patent No. 6066625  
GENERAL INFORMATION:  
APPLICANT: MACLEOD, Robert  
TITLE OF INVENTION: OPTIMIZED ANTISENSE OLIGONUCLEOTIDES  
TITLE OF INVENTION: COMPLEMENTARY TO DNA METHYLTRANSFERASE SEQUENCES  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: HALE AND DORR LLP  
STREET: 60 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: United States of America  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/018,034  
FILING DATE: 03-FEB-1998  
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:  
NAME: Wayne A. Keown, Ph.D.  
REGISTRATION NUMBER: 33,923  
REFERENCE/DOCKET NUMBER: 106.101.191  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 526-6000  
TELEFAX: (617) 526-5000  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-018-034-1

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 84.6%; Pred. No. 5.4e+02;  
Matches 11; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGG 517  
DB 8 GAGGGCUACCGG 20

RESULT 794  
US-09-018-034-8/c  
Sequence 8, Application US/09018034  
Patent No. 6066625  
GENERAL INFORMATION:  
APPLICANT: MACLEOD, Robert  
TITLE OF INVENTION: OPTIMIZED ANTISENSE OLIGONUCLEOTIDES  
REFERENCE/DOCKET NUMBER: 106.101.191  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: HALE AND DORR LLP  
STREET: 60 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: United States of America  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/018,034  
FILING DATE: 03-FEB-1998  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Wayne A. Keown, Ph.D.  
REGISTRATION NUMBER: 33,923  
REFERENCE/DOCKET NUMBER: 106.101.191  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 526-6000  
TELEFAX: (617) 526-5000  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-018-034-8

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGG 517  
DB 13 GAGGGCTACCTGG 1  
RESULT 795  
US-09-018-034-15/c  
Sequence 15, Application US/09018034  
Patent No. 6066625  
GENERAL INFORMATION:  
APPLICANT: MACLEOD, Robert  
TITLE OF INVENTION: OPTIMIZED ANTISENSE OLIGONUCLEOTIDES  
REFERENCE/DOCKET NUMBER: 106.101.191  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: HALE AND DORR LLP  
STREET: 60 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: United States of America  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/018,034  
FILING DATE: 03-FEB-1998  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Wayne A. Keown, Ph.D.  
REGISTRATION NUMBER: 33,923  
REFERENCE/DOCKET NUMBER: 106.101.191  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 526-6000  
TELEFAX: (617) 526-5000  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 20 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-018-034-15

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGG 517  
DB 13 GAGGGCTACCTGG 1

RESULT 796  
US-08-777-266A-66  
Sequence 66, Application US/08777266A  
Patent No. 6077833  
GENERAL INFORMATION:  
APPLICANT: Clarence Frank Bennett  
APPLICANT: Timothy A. Vickers  
TITLE OF INVENTION: Oligonucleotide Compositions and  
METHODS for the Modulation of the Expression of B7 Proteins  
REFERENCE/DOCKET NUMBER: 106.101.191  
NUMBER OF SEQUENCES: 125  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Law Offices of Jane Massey Licata  
STREET: 210 Lake Drive East, Suite 201  
CITY: Cherry Hill  
STATE: NJ



; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/777,266A  
; FILING DATE: December 31, 1996  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0201  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 66:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20  
; TYPE: Nucleic Acid  
; STRANDEDNESS: Single  
; TOPOLOGY: Linear  
; ANTI-SENSE: Yes  
; US-08-777-266A-66

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 595 GGCCTTGGGAAC 607  
Db 1 GGCCTTGGGAAC 13

RESULT 797  
US-09-166-186-80/c  
; Sequence 80, Application US/09166186A  
; Patent No. 6080580  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Brenda  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Butler, Madeline M.  
; APPLICANT: Shanahan, William R.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- $\alpha$  EXPRESSION  
; FILE REFERENCE: ISPH-0322  
; CURRENT APPLICATION NUMBER: US/09/166,186A  
; CURRENT FILING DATE: 1998-10-05  
; NUMBER OF SEQ ID NOS: 250  
; SEQ ID NO 80  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: antisense sequence  
; US-09-166-186-80

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1222 GTGGAGGAACAGC 1234  
Db 20 GTGGAGGAACAGC 8

RESULT 798  
US-08-759-038-103/c  
; Sequence 103, Application US/08759038

; Patent No. 6090543  
; GENERAL INFORMATION:  
; APPLICANT: Prudent, James R.  
; APPLICANT: Hall, Jeff G.  
; APPLICANT: Lyamichev, Victor I.  
; APPLICANT: Brew, Mary Ann D.  
; APPLICANT: Dahlberg, James E.  
; TITLE OF INVENTION: Cleavage Of Nucleic Acids  
; NUMBER OF SEQUENCES: 134  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Medlen & Carroll, LLP  
; STREET: 220 Montgomery Street, Suite 2200  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States Of America  
; ZIP: 94104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/759,038  
; FILING DATE: 02-DEC-1996  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/  
; FILING DATE: 29-NOV-1996  
; APPLICATION NUMBER: US 08/692,853  
; FILING DATE: 12-JUL-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/599,491  
; FILING DATE: 24-JAN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ingolia, Diane E.  
; REGISTRATION NUMBER: 40,027  
; REFERENCE/DOCKET NUMBER: FORS-02574  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 705-8410  
; TELEFAX: (415) 397-8338  
; INFORMATION FOR SEQ ID NO: 103:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "DNA"  
; US-08-759-038-103

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 170 GAGTGGCCGAGG 182  
Db 19 GAGTGGCCGAGG 7

RESULT 799  
US-08-758-314-103/c  
; Sequence 103, Application US/08758314  
; Patent No. 6090606  
; GENERAL INFORMATION:  
; APPLICANT: Kaiser, Michael W.  
; APPLICANT: Lyamichev, Victor I.  
; APPLICANT: Lyamichev, Natasha  
; TITLE OF INVENTION: Improved Cleavage Agents  
; NUMBER OF SEQUENCES: 134  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Medlen & Carroll, LLP  
; STREET: 220 Montgomery Street, Suite 2200

; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States Of America  
; ZIP: 94104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/758,314  
; FILING DATE: 02-DEC-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/  
; FILING DATE: 29-NOV-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/682,853  
; FILING DATE: 12-JUL-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/599,491  
; FILING DATE: 24-JAN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ingolia, Diane E.  
; REGISTRATION NUMBER: 40,027  
; REFERENCE/DOCKET NUMBER: FORS-02575  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 705-8410  
; TELEFAX: (415) 397-8338  
; INFORMATION FOR SEQ ID NO: 103:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "DNA"  
US-08-758-314-103

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGGCGGAGG 182  
Db 19 GAGGTGGCGGAGG 7

RESULT 800  
US-08-817-177-9/c  
; Sequence 9, Application US/08817177  
; Patent No. 6096314  
; GENERAL INFORMATION:  
; APPLICANT: COHEN, Irwin R.  
; APPLICANT: ELIAS, Dana  
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS  
; TITLE OF INVENTION: COMPRISING THEM  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Browdy and Neimark, P.L.L.C.  
; STREET: 419 Seventh Street, N. W.  
; CITY: Washington  
; COUNTRY: US  
; ZIP: 20004  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/817,177  
; FILING DATE:  
; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/12686  
; FILING DATE: 10-OCTOBER-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: ISRAEL APP. NO. 111,196  
; FILING DATE: 07-OCTOBER-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: BROWDY, Roger L.  
; REGISTRATION NUMBER: 25,618  
; REFERENCE/DOCKET NUMBER: COHEN=27  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202) 628-5197  
; TELEFAX: (202) 737-3528  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
US-08-817-177-9

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 989 CCCGAACTGCT 1001  
Db 17 CCCGAACTGCT 5

RESULT 801  
US-09-428-696-49/c  
; Sequence 49, Application US/09428696  
; Patent No. 6165789  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HNRNP A1 EXPRESSION  
; FILE REFERENCE: RTS-0111  
; CURRENT APPLICATION NUMBER: US/09/428,696  
; CURRENT FILING DATE: 1999-10-27  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 49  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-428-696-49

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGTGG 242  
Db 16 GTGGTGGTGGTGG 4

RESULT 802  
US-09-226-012-47/c  
; Sequence 47, Application US/09226012  
; Patent No. 6207383  
; GENERAL INFORMATION:  
; APPLICANT: Keating, Mark T.  
; APPLICANT: Splawski, Igor  
; TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT  
; TITLE OF INVENTION: SYNDROME GENE  
; FILE REFERENCE: 2323-136  
; CURRENT APPLICATION NUMBER: US/09/226,012  
; CURRENT FILING DATE: 1999-01-06  
; EARLIER APPLICATION NUMBER: 09/122,847

RESULT 807  
US-09-575-506-8/c  
; Sequence 8, Application US/09575506

```
; Patent No. 6506735
; GENERAL INFORMATION:
; APPLICANT: MacLeod, A. Robert
; TITLE OF INVENTION: Optimized Antisense Oligonucleotides Complementary to DNA
; FILE REFERENCE: 106101.191DIV
; CURRENT APPLICATION NUMBER: US/09/575,506
; CURRENT FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 09/018,034
; PRIOR FILING DATE: 1998-02-03
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: DNA Metase RNA complementary oligonucleotides
US-09-575-506-8

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGG 517
DB 13 GAGGGCTACCTGG 1

RESULT 808
US-09-575-506-15/c
; Sequence 15, Application US/09575506
; Patent No. 6506735
; GENERAL INFORMATION:
; APPLICANT: MacLeod, A. Robert
; TITLE OF INVENTION: Optimized Antisense Oligonucleotides Complementary to DNA
; FILE REFERENCE: 106101.191DIV
; CURRENT APPLICATION NUMBER: US/09/575,506
; CURRENT FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: US 09/018,034
; PRIOR FILING DATE: 1998-02-03
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: DNA Metase RNA complementary oligonucleotides
US-09-575-506-15

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 505 GAGGGCTACCTGG 517
DB 13 GAGGGCTACCTGG 1

RESULT 809
US-09-684-938-103/c
; Sequence 103, Application US/09684938
; Patent No. 6555357
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichiev, Victor I.
; TITLE OF INVENTION: Improved Cleavage Agents
; FILE REFERENCE: FORS-03755
; CURRENT APPLICATION NUMBER: US/09/684,938
; CURRENT FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: 09/308,825
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: 08/757,653
; PRIOR FILING DATE: 1996-11-29
```

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; PRIOR APPLICATION NUMBER: 08/758,314
; PRIOR FILING DATE: 1996-12-02
; PRIOR APPLICATION NUMBER: PCT/US97/21783
; PRIOR FILING DATE: 1997-11-29
; NUMBER OF SEQ ID NOS: 188
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-684-938-103

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGCGCGAGG 182
DB 19 GAGGTGCGCGAGG 7

RESULT 810
US-09-198-452A-3020/c
; Sequence 3020, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragme
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, pr
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3020
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3020

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TGAGGAGACGTGG 1281
DB 13 TGAGGAGACGTGG 1

RESULT 811
US-09-198-452A-3023/c
; Sequence 3023, Application US/09198452A
; Patent No. 6559294
; GENERAL INFORMATION:
; APPLICANT: Griffais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragme
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, pr
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/09/198,452A
; CURRENT FILING DATE: 1998-11-24
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3023
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-09-198-452A-3023

Query Match      0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 1269 TGAGGAGCGTGG 1281
Db 13 TGAGGAGCGTGG 1

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 812
US-09-308-825A-103/c
; Sequence 103, Application US/09308825A
; Patent No. 6562611
; GENERAL INFORMATION:
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Lyamichev, Natasha
; TITLE OF INVENTION: Improved Cleavage Agents
; FILE REFERENCE: FORS-03755
; CURRENT APPLICATION NUMBER: US/09/308,825A
; CURRENT FILING DATE: 1999-10-08
; PRIOR APPLICATION NUMBER: 08/757,653
; PRIOR FILING DATE: 1996-11-29
; PRIOR APPLICATION NUMBER: 08/758,314
; PRIOR FILING DATE: 1996-12-02
; PRIOR APPLICATION NUMBER: PCT/US97/21783
; PRIOR FILING DATE: 1997-11-29
; NUMBER OF SEQ ID NOS: 188
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 103
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-308-825A-103

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGCGCCGAGG 182
Db 19 GAGGTGCGCCGAGG 7

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 813
US-09-308-825B-52/c
; Sequence 52, Application US/09758282B
; Patent No. 6635463
; GENERAL INFORMATION:
; APPLICANT: Ma, Wu-Po
; APPLICANT: Lyamichev, Victor I.
; APPLICANT: Kaiser, Michael W.
; APPLICANT: Lyamicheva, Natalie E.
; APPLICANT: Allawi, Hatim T.
; APPLICANT: Schaefer, James J.
; APPLICANT: Neri, Bruce P.
; TITLE OF INVENTION: Enzymes for the Detection of Nucleic Acid Sequences
; FILE REFERENCE: FORS 04931
; CURRENT APPLICATION NUMBER: US/09/758,282B
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/577,304
; PRIOR FILING DATE: 2000-05-24
; NUMBER OF SEQ ID NOS: 280
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-282B-52

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TTAGGAACCCCAA 1267
Db 17 TTAGGAACCCCAA 5

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 170 GAGGTGCGCCGAGG 182
Db 19 GAGGTGCGCCGAGG 7

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 814
US-09-151-376-33/c
; Sequence 33, Application US/09151376
; Patent No. 6676935
; GENERAL INFORMATION:
; APPLICANT: Henderson, D.R.
; APPLICANT: Schuur, E.R.
; TITLE OF INVENTION: TISSUE SPECIFIC VIRAL VECTORS
; FILE REFERENCE: 34802200221
; CURRENT APPLICATION NUMBER: US/09/151,376
; CURRENT FILING DATE: 1998-09-10
; EARLIER APPLICATION NUMBER: 08/669,753
; EARLIER FILING DATE: 1996-06-26
; EARLIER APPLICATION NUMBER: 08/495,034
; EARLIER FILING DATE: 1995-06-27
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: unknown
US-09-151-376-33

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 901 ATGCACACAGTGA 913
Db 17 ATGCACACAGTGA 5

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 815
US-09-548-797B-70/c
; Sequence 70, Application US/09548797B
; Patent No. 6683165
; GENERAL INFORMATION:
; APPLICANT: KRITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4039
; CURRENT APPLICATION NUMBER: US/09/548,797B
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: 60/129,391
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 170
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-797B-70

Query Match 0.7%; Score 13; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TTAGGAACCCCAA 1267
Db 17 TTAGGAACCCCAA 5

Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

## RESULT 816

US-09-548-797B-117/c  
; Sequence 117, Application US/09548797B  
; Patent No. 6683165  
; GENERAL INFORMATION:  
; APPLICANT: KEITH, TIM  
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES AND  
; TITLE OF INVENTION: OBESITY  
; FILE REFERENCE: 2976-4039  
; CURRENT APPLICATION NUMBER: US/09/548,797B  
; CURRENT FILING DATE: 2002-11-26  
; PRIOR APPLICATION NUMBER: 60/129,391  
; PRIOR FILING DATE: 1999-04-13  
; NUMBER OF SEQ ID NOS: 170  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 117  
; LENGTH: 20  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-548-797B-117

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 TTAGGAACCCCAA 1267

DB 17 TTAGGAACCCCAA 5

## RESULT 817

PCT-US95-12686-9/c  
; Sequence 9, Application PC/TUS9512686  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: PEPTIDES AND PHARMACEUTICAL COMPOSITIONS  
; NUMBER OF SEQUENCES: 16  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (BPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US95/12686  
; FILING DATE:  
; CLASSIFICATION:  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 20 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
PCT-US95-12686-9

Query Match 0.7%; Score 13; DB 1; Length 20;  
Best Local Similarity 100.0%; Pred. No. 5.4e+02;  
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 989 CCAGAACTGCT 1001

DB 17 CCAGAACTGCT 5

## RESULT 818

US-09-091-952A-72  
; Sequence 72, Application US/09091952A  
; Patent No. 6458532  
; GENERAL INFORMATION:  
; APPLICANT: Detera-Wadleigh, Sevilla D.

Gershon, Elliot S.  
Badner, Judith A.  
Goldin, Lynn R.  
Berrettini, Wade H.  
Yoshikawa, Takeo  
Sanders, Alan R.  
Esterling, Lisa E.  
TITLE OF INVENTION: Chromosomal Markers and Diagnostic  
Tests for Manic-Depressive Illness  
NUMBER OF SEQUENCES: 197  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/091,952A  
FILING DATE: 19-Apr-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,278  
FILING DATE: 28-OCT-1996  
APPLICATION NUMBER: PCT/US97/19381  
FILING DATE: 28-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Timothy L.  
REGISTRATION NUMBER: 35,367  
REFERENCE/DOCKET NUMBER: 015280-297100US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 72:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY:  
LOCATION: 1...16  
OTHER INFORMATION: Dis81150 reverse primer  
SEQUENCE DESCRIPTION: SEQ ID NO: 72:  
US-09-091-952A-72

Query Match 0.7%; Score 12.8; DB 1; Length 16;  
Best Local Similarity 87.5%; Pred. No. 4.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1534 CAAAGGAGCCGACC 1549

DB 1 CACAAAGATCCGACC 16

## RESULT 819

US-07-752-101A-24/c  
; Sequence 24, Application US/07752101A  
; Patent No. 5326857  
; GENERAL INFORMATION:  
; APPLICANT: Yamamoto, Fumi-ichiro  
; APPLICANT: White, Thayer  
; APPLICANT: Hakomori, Sen-itiroh  
; APPLICANT: Clausen, Henrik  
; TITLE OF INVENTION: ABO GENOTYPING  
; NUMBER OF SEQUENCES: 69

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: U.S.  
; ZIP: 98104  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/752,101A  
; FILING DATE: 19910829  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sharkey, Richard G.  
; REGISTRATION NUMBER: 32,629  
; REFERENCE/DOCKET NUMBER: 150036.406C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 206-622-4900  
; TELEFAX: 206-682-6031  
; TELEX: 3723836  
; INFORMATION FOR SEQ ID NO: 24:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; FRAGMENT TYPE: N-terminal  
; US-07-752-101A-24

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1296 CAACGAGGAGTTCAG 1311  
Db 16 CAACGAGGAGTTCAG 1

RESULT 820  
US-08-009-263C-29/c  
; Sequence 29, Application US/08009263C  
; Patent No. 5442049  
; GENERAL INFORMATION:  
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker  
; TITLE OF INVENTION: Oligonucleotides for Modulating the  
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections  
; NUMBER OF SEQUENCES: 88  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Mackiewicz & No. 5442049ris  
; STREET: One Liberty Place -- 46th floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/009,263C  
; FILING DATE: January 25, 1993  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 927,506

; FILING DATE: No. 5442049ember 19, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISIS-0844  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
; US-08-009-263C-29

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 133 ATGAGAGAGTCAAC 148  
Db 16 AAGAAGAGAGCAAC 1

RESULT 821  
US-08-373-124A-1337  
; Sequence 1337, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McGwiggan, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/373,124A  
; FILING DATE: January 13, 1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1337:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-1337

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 4.6e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 505 GAGGCTACCTGGAGA 520  
|||:|:|:|:|:|:|  
Db 2 GAAGGCUACCGCAGA 17

RESULT 822  
US-08-323-443B-6  
; Sequence 6, Application US/08323443B  
; Patent No. 5654170  
; GENERAL INFORMATION:  
; APPLICANT: KLINGER, KATHERINE W.  
; APPLICANT: LANDES, GREGORY M.  
; APPLICANT: BURN, TIMOTHY C.  
; APPLICANT: CONNORS, TIMOTHY D.  
; APPLICANT: DACKOWSKI, WILLIAM R.  
; APPLICANT: GERMINO, GREGORY  
; APPLICANT: QIAN, FENG  
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Darby & Darby PC  
; STREET: 805 Third Avenue  
; CITY: New York  
; STATE: NY  
; COUNTRY: USA  
; ZIP: 10022  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/323,443B  
; FILING DATE: 12-OCT-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Ludwig, S. Peter  
; REGISTRATION NUMBER: 25,351  
; REFERENCE/DOCKET NUMBER: 0372/0A462  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 527-7700  
; TELEFAX: (212) 753-6237  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "PKD1 Reverse Primer 2"  
US-08-323-443B-6

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 CTTTGACAGCCCTC 558  
|||||:|:|:|:|:|:|  
Db 1 CTTTGACAGCACATC 16

RESULT 823  
US-08-435-628-1337  
; Sequence 1337, Application US/08435628  
; Patent No. 5817796  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/435,628  
; FILING DATE: 05-MAY-1995  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/373,124  
; FILING DATE: January 13, 1995  
; APPLICATION NUMBER: 08/245,466  
; FILING DATE: May 18, 1994  
; APPLICATION NUMBER: 08/192,943  
; FILING DATE: February 7, 1994  
; APPLICATION NUMBER: 07/987,132  
; FILING DATE: December 7, 1992  
; APPLICATION NUMBER: 07/936,422  
; FILING DATE: August 26, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 209/035  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1337:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-435-628-1337

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 4.6e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 505 GAGGCTACCTGGAGA 520  
|||:|:|:|:|:|:|  
Db 2 GAAGGCUACCGCAGA 17

RESULT 824  
US-08-292-620A-1675  
; Sequence 1675, Application US/08292620A  
; Patent No. 5837542



GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1675:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1675

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 4.6e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1659 CACCCCTCACAGGCA 1674  
Db 2 CACCCUCCAGCGCA 17

RESULT 825  
US-08-292-620A-1692  
Sequence 1692, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1692:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1692

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 4.6e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1659 CACCCCTCACAGGCA 1674  
Db 2 CACCCUCCAGCGCA 17

RESULT 826  
US-08-292-620A-1973  
Sequence 1973, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994

CLASSIFICATION: 435  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895

two

FILING DATE: January 19, 1993  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1973:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1973

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 4.6e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1659 CACCCCTCAGGGCA 1674  
|||||:|||||  
DB 2 CACCCUCCAGCGCA 17

RESULT 827  
US-08-370-156-17  
Sequence 17, Application US/08370156  
Patent No. 5932780  
GENERAL INFORMATION:  
APPLICANT: Soreq, Hermona  
APPLICANT: Zakut, Haim  
APPLICANT: Shani, Moshe  
TITLE OF INVENTION: TRANSGENIC ANIMAL ASSAY SYSTEM FOR  
TITLE OF INVENTION: ANTICHLINESTERASE SUBSTANCES  
NUMBER OF SEQUENCES: 27  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Reising, Rthington, Barnard & Perry  
STREET: P.O. Box 4390  
CITY: Troy  
STATE: Michigan  
COUNTRY: US  
ZIP: 48099  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/370,156

FILING DATE:  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Kohn, Kenneth I.  
REGISTRATION NUMBER: 30,955  
REFERENCE/DOCKET NUMBER: P-307 (Mulford)  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (810) 689-3500  
TELEFAX: (810) 689-4071  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-370-156-17

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 370 GACCAGCCTTCAGCCA 385  
|||||:|||||  
DB 1 GCCCAGCCTTCAGCCA 16

## RESULT 828

US-08-485-133-14/c  
Sequence 14, Application US/08485133  
Patent No. 5976789  
GENERAL INFORMATION:

APPLICANT: Allibert, Patrice A.  
APPLICANT: Cros, Philippe  
APPLICANT: Mach, Bernard F.  
APPLICANT: Mandrand, Bernard F.  
APPLICANT: Tiercy, Jean-Marie  
TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING  
NUMBER OF SEQUENCES: 81  
CORRESPONDENCE ADDRESS:

ADDRESSEE: OLIEF & BERRIDGE  
STREET: P.O. Box 19928  
CITY: Alexandria  
STATE: Virginia  
ZIP: 22320

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/485,133  
FILING DATE: 7-JUN-1995

CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/030,143  
FILING DATE: 11-MAR-1993

CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Berridge, William P.  
REGISTRATION NUMBER: 30,024

REFERENCE/DOCKET NUMBER: WPB 28596A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6400  
TELEFAX: 703-836-2787

INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-485-133-14

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 269 CACGTGCTGCTCCGG 284  
| | | | | | | | | | | | | | | | |  
Db 17 CACGTGCTGCTCCGG 2

RESULT 829  
US-08-654-623-59  
; Sequence 59, Application US/08654623  
; Patent No. 6010884  
; GENERAL INFORMATION:  
; APPLICANT: Griffiths, Andrew D  
; APPLICANT: Holliger, Kaspar-Philipp  
; APPLICANT: Nissim, Ahuva  
; APPLICANT: Fisch, Igor  
; APPLICANT: Winter, Gregory P  
; TITLE OF INVENTION: Recombinant Binding Proteins and Peptides  
; NUMBER OF SEQUENCES: 71  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun  
; STREET: 6300 Sears Tower, 233 South Wacker Drive  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/654,623  
; FILING DATE: 29-MAY-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB 930816.7  
; FILING DATE: 16-JAN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 9303614.7  
; FILING DATE: 10-MAY-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB 9319969.3  
; FILING DATE: 22-SEP-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB93/02492  
; FILING DATE: 03-DEC-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB 9412147.2  
; FILING DATE: 17-JUN-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB94/02662  
; FILING DATE: 05-DEC-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/448,418  
; FILING DATE: 02-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: David W. Clough  
; REGISTRATION NUMBER: 36,107  
; REFERENCE/DOCKET NUMBER: 28111/33259  
; TELEPHONE: (312) 474-6300  
; INFORMATION FOR SEQ ID NO: 59:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

; MOLECULE TYPE: Other nucleic acid: Oligonucleotide primer  
US-08-654-623-59

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 288 ACTTCGTTCTGCACGG 303  
| | | | | | | | | | | | | | | | |  
Db 1 ACTTCGTTCTGCACGG 16

RESULT 830  
US-08-641-291A-28/c  
; Sequence 28, Application US/08641291A  
; Patent No. 6037122  
; GENERAL INFORMATION:  
; APPLICANT: MABILAT Claude  
; APPLICANT: RUMY Raymond  
; TITLE OF INVENTION: NUCLEOTIDE FRAGMENT OF THE 16S RIBOSOMAL RNA OF CORYNEBACTERIUM  
; NUMBER OF SEQUENCES: 92  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Oliff & Berridge  
; STREET: 700 South Washington Street, Suite 300  
; CITY: Alexandria  
; STATE: Virginia  
; COUNTRY: U.S.A.  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, version # 1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/641,291A  
; FILING DATE: 30-APR-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Berridge, William P.  
; REGISTRATION NUMBER: 30,024  
; REFERENCE/DOCKET NUMBER: WPB 38273  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6400  
; TELEFAX: 703-836-2787  
; INFORMATION FOR SEQ ID NO: 28:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleotide  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: rRNA  
US-08-641-291A-28

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1058 CAATCCCAACAGAC 1073  
| | | | | | | | | | | | | | | | |  
Db 17 CAATCCCAACAGAC 2

RESULT 831  
US-08-985-162-637/c  
; Sequence 637, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH

/ TITLE OF INVENTION: FACTOR RECEPTORS
/ NUMBER OF SEQUENCES: 1877
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Suite 4700
/ STATE: Los Angeles
/ COUNTRY: California
/ ZIP: 90071-2066
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq for Windows 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/985,162
/ FILING DATE: 04 December 1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/036,476
/ FILING DATE: 31 January 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 230/107
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 637:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ US-08-985-162-637

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 856 AAGGACCTGAAGCACT 871
Db 17 AAGGACCTGATGCATT 2

RESULT 832
US-08-658-136-8
/ Sequence 8, Application US/08658136
/ Patent No. 6071717
/ GENERAL INFORMATION:
/ APPLICANT: KLINGER, KATHERINE W
/ APPLICANT: LANDES, GREGORY M
/ APPLICANT: BURN, TIMOTHY C
/ APPLICANT: CONNORS, TIMOTHY D
/ APPLICANT: DACKOWSKI, WILLIAM
/ APPLICANT: GERMINO, GREGORY
/ APPLICANT: QIAN, FENG
/ TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
/ NUMBER OF SEQUENCES: 58
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: GENZYME CORPORATION
/ STREET: ONE MOUNTAIN ROAD
/ CITY: FRAMINGHAM
/ STATE: MASSACHUSETTS
/ COUNTRY: USA
/ ZIP: 01701
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS

/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/658,136
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: LASSEN, ELIZABETH
/ REGISTRATION NUMBER: 31,845
/ REFERENCE/DOCKET NUMBER: GEN4-17.8
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 508-872-8400
/ TELEFAX: 508-872-5415
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/
/ US-08-658-136-8

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 543 CTTTGACAGCCCTC 558
Db 1 CTTTGACAGCACATC 16

RESULT 833
US-08-658-136-57/c
/ Sequence 57, Application US/08658136
/ Patent No. 6071717
/ GENERAL INFORMATION:
/ APPLICANT: KLINGER, KATHERINE W
/ APPLICANT: LANDES, GREGORY M
/ APPLICANT: BURN, TIMOTHY C
/ APPLICANT: CONNORS, TIMOTHY D
/ APPLICANT: DACKOWSKI, WILLIAM
/ APPLICANT: GERMINO, GREGORY
/ APPLICANT: QIAN, FENG
/ TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
/ NUMBER OF SEQUENCES: 58
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: GENZYME CORPORATION
/ STREET: ONE MOUNTAIN ROAD
/ CITY: FRAMINGHAM
/ STATE: MASSACHUSETTS
/ COUNTRY: USA
/ ZIP: 01701
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/658,136
/ FILING DATE:
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: LASSEN, ELIZABETH
/ REGISTRATION NUMBER: 31,845
/ REFERENCE/DOCKET NUMBER: GEN4-17.8
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 508-872-8400
/ TELEFAX: 508-872-5415
/ INFORMATION FOR SEQ ID NO: 57:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)  
US-08-658-136-57

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 CTTTGACAGCCCTC 558  
|||||:|||||  
Db 17 CTTTGACAGCACATC 2

RESULT 834

US-09-071-845-1675  
; Sequence 1675, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1675:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-071-845-1675

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 4.6e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1659 CACCCCTCACAGGCA 1674  
|||||:|||||  
Db 2 CACCCUCCAGGCA 17

RESULT 835

US-09-071-845-1692  
; Sequence 1692, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1692:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-071-845-1692

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 4.6e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1659 CACCCCTCACAGGCA 1674  
|||||:|||||  
Db 2 CACCCUCCAGGCA 17

RESULT 836

US-09-071-845-1973

; Sequence 1973, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1973:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-071-845-1973

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 81.2%; Pred. No. 4.6e+02;  
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1659 CACCCCTCACAGGCA 1674  
||| |  
Db 2 CACCCUCCAGGCA 17

RESULT 837  
US-08-838-715B-29/c  
; Sequence 29, Application US/08838715B  
; Patent No. 6153595  
; GENERAL INFORMATION:  
; APPLICANT: Draper, Chapman, Kisner, Anderson  
; TITLE OF INVENTION: Composition and Method for Treatment  
; TITLE OF INVENTION: of CMV Infection  
; NUMBER OF SEQUENCES: 90

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jane Massey Licata, Esq.  
; STREET: 66 E. Main Street  
; CITY: Marlton  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08053  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/838,715B  
; FILING DATE: April 9, 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/568,366  
; FILING DATE: 8/16/90  
; APPLICATION NUMBER: 07/927,506  
; FILING DATE: 11/19/92  
; APPLICATION NUMBER: 08/009,263  
; FILING DATE: 1/25/93  
; APPLICATION NUMBER: 08/233,711  
; FILING DATE: 4/26/94  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISPH-0204  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 810-1454  
; INFORMATION FOR SEQ ID NO: 29:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
; US-08-838-715B-29

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 133 ATGAAGAGATCAAAAC 148  
||| |  
Db 16 AAGAAGAGAGCAAAAC 1

RESULT 838  
US-08-584-040-1831  
; Sequence 1831, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James T.  
; APPLICANT: Stinchcomb, Dan T.  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California

COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1831:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1831

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 4.6e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 196 AATGTCCTCCCTGAGC 211  
Db 1 AAUGGUGUCCCGAGC 16

RESULT 839  
US-08-584-040-1996  
Sequence 1996, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITILE OF INVENTION: TREATMENT OF DISEASES OR  
TITILE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITILE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1996:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-1996

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 4.6e+02;  
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1036 TTGGCCTGCGCCGAG 1051  
Db 1 UUUGGCCUUGCCCGG 16

RESULT 840  
US-08-584-040-4361/c  
Sequence 4361, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITILE OF INVENTION: TREATMENT OF DISEASES OR  
TITILE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITILE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4361:

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/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-08-584-040-4361

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 624 GCTGGACAACTGGGC 539
DB 16 GCTGGAGAACTCTGGGC 1

RESULT 841
US-08-584-040-7577/c
; Sequence 7577, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7577:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7577

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 279 TCCTGGGGAACCTTCGT 294
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DB 17 TCCAGGGGAACCTTCAT 2

RESULT 842
US-08-584-040-7578/c
; Sequence 7578, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7578:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-7578

Query Match          0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 279 TCCTGGGGAACCTTCGT 294
DB 16 TCCAGGGGAACCTTCAT 1

RESULT 843
US-08-584-040-7626/c
; Sequence 7626, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
```





Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 113 CGCGATCGCCATGGA 128  
Db 2 CGCGCUGCCCAAGGA 17

## RESULT 846

US-09-125-619-8/c

; Sequence 8, Application US/09125619

; Patent No. 6437116

; GENERAL INFORMATION:

; APPLICANT: NORRIS, STEVEN J.

; APPLICANT: JING-REN, ZHANG

; APPLICANT: HARDHAM, JOHN M.

; APPLICANT: HOWELL, JERRILYN K.

; APPLICANT: BARBOUR, ALAN G.

; APPLICANT: WEINSTOCK, GEORGE M.

; TITLE OF INVENTION: VMP-LIKE SEQUENCES OF PATHOGENIC BORRELIA

; FILE REFERENCE: UTSH:234

; CURRENT APPLICATION NUMBER: US/09/125,619

; CURRENT FILING DATE: 1999-01-27

; NUMBER OF SEQ ID NOS: 48

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 8

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Borrelia burgdorferi

US-09-125-619-8

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 528 CCTCAATAGCCCCATC 543  
Db 16 CCTTAATAGCCCCCTC 1

## RESULT 847

US-09-474-432B-477

; Sequence 477, Application US/09474432B

; Patent No. 6528640

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo

; APPLICANT: Burgin, Alex

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex

; APPLICANT: Adamic, Jasenka

; APPLICANT: Sweedler, David

; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot

; FILE REFERENCE: MEHB00-831-B (247/276)

; CURRENT APPLICATION NUMBER: US/09/474,432B

; CURRENT FILING DATE: 1999-12-19

; PRIOR APPLICATION NUMBER: US 60/064,866

; PRIOR FILING DATE: 1997-11-05

; PRIOR APPLICATION NUMBER: US 60/084,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: US 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: US 09/301,511

; PRIOR FILING DATE: 1999-04-28

; NUMBER OF SEQ ID NOS: 1526

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 477

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-474-432B-477

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Best Local Similarity 75.0%; Pred. No. 4.6e+02;

Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 517 GAGAGCTGACCTCA 532  
Db 1 GAGGAGCGGCCUCA 16

## RESULT 848

US-09-474-432B-691

; Sequence 691, Application US/09474432B

; Patent No. 6528640

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo

; APPLICANT: Burgin, Alex

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex

; APPLICANT: Adamic, Jasenka

; APPLICANT: Sweedler, David

; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle

; FILE REFERENCE: MEHB00-831-B (247/276)

; CURRENT APPLICATION NUMBER: US/09/474,432B

; CURRENT FILING DATE: 1999-12-19

; PRIOR APPLICATION NUMBER: US 60/064,866

; PRIOR FILING DATE: 1997-11-05

; PRIOR APPLICATION NUMBER: US 60/084,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: US 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: US 09/301,511

; PRIOR FILING DATE: 1999-04-28

; NUMBER OF SEQ ID NOS: 1526

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 691

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-474-432B-691

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 68.8%; Pred. No. 4.6e+02;

Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1120 CTGCTGGGTCCACGG 1135  
Db 1 CUGCUGGCGUCCAGGG 16

## RESULT 849

US-09-371-772B-376

; Sequence 376, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggan, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions

; FILE REFERENCE: MEHB00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 376

; LENGTH: 17

; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-376

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 75.0%; Pred. No. 4.6e+02;  
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 196 AATGTCCTCCCTGAGC 211  
|||:|||||  
Db 1 AAUGGUGUCCCGAGC 16

## RESULT 850

US-09-371-772B-541  
; Sequence 541, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 541  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-541

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 4.6e+02;  
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 1036 TTTGGCTGCGCCGAG 1051  
::|||:|||||  
Db 1 UTUUGGCUUGCCCGG 16

## RESULT 851

US-09-371-772B-2128/c  
; Sequence 2128, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2128  
; LENGTH: 17  
; TYPE: RNA

; ORGANISM: Homo sapiens  
US-09-371-772B-2128

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 624 GCTGGACAAACTGGGC 639  
|||||:|||||  
Db 16 GCTGGAGATCTGGC 1

## RESULT 852

US-09-371-772B-3373/c  
; Sequence 3373, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MEHB00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3373  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3373

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 279 TCCTGGGGAACTTCGT 294  
|||||:|||||  
Db 17 TCCAGGGGAATTCAT 2

## RESULT 853

US-09-371-772B-3374/c  
; Sequence 3374, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MEHB00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3374  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.

US-09-371-772B-3374

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 279 TCCTGGGGAATTCGT 294  
||| ||||| ||||| |||||  
DB 16 TCCAGGGGAATTCAT 1

RESULT 854

US-09-371-772B-3418/c  
; Sequence 3418, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00, 876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3418  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3418

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1084 GAGGTGGTGACACTGT 1099  
||| ||||| ||||| |||||  
DB 17 GAGCTGCTGACACTGT 2

RESULT 855

US-09-371-772B-4833  
; Sequence 4833, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00, 876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4833  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4833

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 4.6e+02;  
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1034 ACTTTGGCCTGGCCCG 1049  
|:::||||:|||||  
DB 1 AUUUGGCCUUGCCCG 16

RESULT 856

US-09-371-772B-4834  
; Sequence 4834, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MEHB00, 876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4834  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4834

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 62.5%; Pred. No. 4.6e+02;  
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1036 TTTGGCCTGGCCCGAG 1051  
:::||||:|||||  
DB 2 UUUUGGCCUUGCCCGG 17

RESULT 857

US-09-371-772B-5010/c  
; Sequence 5010, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MEHB00, 876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5010  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5010

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1465 AGTCTGGGGGAGCGGA 1480  
|||||  
Db 17 AGTCTGGGGGAGCGGA 2

RESULT 858  
US-09-371-772B-5011/c  
; Sequence 5011, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 5011  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5011

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1465 AGTCTGGGGGAGCGGA 1480  
|||||  
Db 16 AGTCTGGGGGAGCGGA 1

RESULT 859  
US-09-371-772B-5121/c  
; Sequence 5121, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 5121  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5121

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1159 TGGGGTGTGGGCTGCA 1174  
|||||  
Db 17 TGGGTTTGGGCTGCA 2

RESULT 860  
US-09-371-772B-5122/c  
; Sequence 5122, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 5122  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5122

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1159 TGGGGTGTGGGCTGCA 1174  
|||||  
Db 16 TGGGTTTGGGCTGCA 1

RESULT 861  
US-09-371-772B-6679  
; Sequence 6679, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 6679  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6679

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 188 ACAAGACCAATGGTGC 203  
Db 2 ACAAGACCAAGGGGC 17

## RESULT 862

US-09-371-772B-6680  
; Sequence 6680, Application US/09371772B

; Patent No. 6566127

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; FILE REFERENCE: MEBH00,876-J (237/198)

; CURRENT APPLICATION NUMBER: US/09/371,772B

; CURRENT FILING DATE: 1999-08-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; NUMBER OF SEQ ID NOS: 14225

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 6680

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-371-772B-6680

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 188 ACAAGACCAATGGTGC 203  
Db 1 ACAAGACCAAGGGGC 16

## RESULT 863

US-09-476-387-476

; Sequence 476, Application US/09476387

; Patent No. 6617438

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex

; APPLICANT: Adamic, Jasenka Matulic

; APPLICANT: Sweedler, Dave

; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot

; FILE REFERENCE: MEBH00-831-C (249/073)

; CURRENT APPLICATION NUMBER: US/09/476,387

; CURRENT FILING DATE: 2001-04-04

; PRIOR APPLICATION NUMBER: 09/474,432

; PRIOR FILING DATE: 1999-12-29

; PRIOR APPLICATION NUMBER: 09/301,511

; PRIOR FILING DATE: 1999-04-28

; PRIOR APPLICATION NUMBER: 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/064,866

; PRIOR FILING DATE: 1997-11-05

; NUMBER OF SEQ ID NOS: 1524

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 476

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-476-387-476

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 75.0%; Pred. No. 4.6e+02;

Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 517 GAGAGCTGACCTCA 532  
Db 1 GAGGAGCGCCCUCA 16

## RESULT 864

US-09-476-387-690

; Sequence 690, Application US/09476387

; Patent No. 6617438

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex

; APPLICANT: Adamic, Jasenka Matulic

; APPLICANT: Sweedler, Dave

; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle

; FILE REFERENCE: MEBH00-831-C (249/073)

; CURRENT APPLICATION NUMBER: US/09/476,387

; CURRENT FILING DATE: 2001-04-04

; PRIOR APPLICATION NUMBER: 09/474,432

; PRIOR FILING DATE: 1999-12-29

; PRIOR APPLICATION NUMBER: 09/301,511

; PRIOR FILING DATE: 1999-04-28

; PRIOR APPLICATION NUMBER: 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/064,866

; PRIOR FILING DATE: 1997-11-05

; NUMBER OF SEQ ID NOS: 1524

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 690

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-476-387-690

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 68.8%; Pred. No. 4.6e+02;

Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 1120 CTGCTTGGTCCACGG 1135  
Db 1 CUGCUGGGGUCCAGG 16

## RESULT 865

US-09-401-063-637/c

; Sequence 637, Application US/09401063

; Patent No. 6623962

; GENERAL INFORMATION:

; APPLICANT: Akhtar, Saghir

; APPLICANT: Fell, Patricia

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT

; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED

; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH

; TITLE OF INVENTION: FACTOR RECEPTORS

; NUMBER OF SEQUENCES: 1877

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 637:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-637

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 AAGGACCTGAAGCAGT 871  
|||||  
DB 17 AAGGACCTGATGATT 2

RESULT 866  
US-09-827-998-124/c  
; Sequence 124, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 124  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-124

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 377 CTTGAGCCAGTCTC 392

Db 17 CTTGAGCCAGTCTCC 2  
|||||

RESULT 867  
US-09-827-998-125/c  
; Sequence 125, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 125  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-125

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 377 CTTGAGCCAGTCTC 392  
|||||  
DB 16 CTTGAGCCAGTCTCC 1

RESULT 868  
US-09-827-998-126/c  
; Sequence 126, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 126  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-827-998-126

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 GCCTTCAGCCAGTCC 390  
|||||  
DB 17 GTCTTCAGCCAGTCC 2

RESULT 869  
US-09-827-998-127/c  
; Sequence 127, Application US/09827998

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; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 127
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-127

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 375 GGCTTCAGCCACGTC 390
DB 16 GTCTTCAGCCAGGTC 1

RESULT 870
US-09-827-998-574
; Sequence 574, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 574
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-574

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1010 AGAGGGAGAGCTCAA 1025
DB 2 AGAGGAGAGAGTCAA 17

RESULT 871
US-09-827-998-577
; Sequence 577, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
```

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; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 577
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-577

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1012 AGGGAGAGCTCAAGC 1027
DB 1 AGGAGAGAGTCAAGC 16

RESULT 872
US-09-875-318A-2
; Sequence 2, Application US/09875318A
; Patent No. 6677501
; GENERAL INFORMATION:
; APPLICANT: Gabel, Christopher A.
; APPLICANT: Koller, Beverly H.
; TITLE OF INVENTION: P2X7 RECEPTOR-DEFICIENT NON-HUMAN ANIMALS AND USES THEREOF
; FILE REFERENCE: 71369-186 (PFI-010US)
; CURRENT APPLICATION NUMBER: US/09/875,318A
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 60/209,559
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-875-318A-2

Query Match      0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 78 AGGGCCCCCGGGCTCT 93
DB 1 AGGGCCCTGGGGTTCT 16

RESULT 873
US-09-866-108A-660
; Sequence 660, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
```



PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 660  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-660

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1570 GACTCAGCGAGCCGAG 1585  
|||||  
Db 2 GACTCAGCGAGCCGAG 17

RESULT 874  
US-09-866-108A-661  
Sequence 661, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 660  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-661

Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 661  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-661

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1570 GACTCAGCGAGCCGAG 1585  
|||||  
Db 1 GACTCAGCGAGCCGAG 16

RESULT 875  
US-09-866-108A-1525/C  
Sequence 1525, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 1525  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-1525

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 987 GCCCCAGAACCTGCTC 1002  
|||||  
Db 17 GCCCATCAGCTGCTC 2

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RESULT 876
US-09-866-108A-1527/c
; Sequence 1527, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1527
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1527

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 986 AGCCCGACCTGCT 1001
Db 16 AGCCCGACCTGCT 1

RESULT 877
US-09-866-108A-6007
; Sequence 6007, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1527
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1527

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 986 AGCCCGACCTGCT 1001
Db 16 AGCCCGACCTGCT 1

RESULT 878
US-09-866-108A-6008
; Sequence 6008, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6007
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6007

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 405 GTCTCCAGTGACAGTG 420
Db 2 GGCTCCAGTGACAGTG 17

RESULT 879
US-09-866-108A-6009
; Sequence 6009, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6007
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6007

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;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aemica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6008  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6008

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 405 GTCTCCAGTGAGTGCG 420  
Db 1 GGCTCCAGTGACAGTG 16

RESULT 879  
US-09-866-108A-6009  
; Sequence 6009, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aemica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6009  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6009

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 407 CTCCAGTGAGTGCG 422  
Db 2 CTCCAGTGACAGTG 17

RESULT 880  
US-09-866-108A-6010  
; Sequence 6010, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aemica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6009  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6009

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 407 CTCCAGTGAGTGCG 422  
Db 2 CTCCAGTGACAGTG 17

RESULT 881  
US-09-866-108A-6258  
; Sequence 6258, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 407 CTCCAGTGAGTGCG 422  
Db 2 CTCCAGTGACAGTG 17

RESULT 882  
US-09-866-108A-6010  
; Sequence 6010, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 407 CTCCAGTGAGTGCG 422  
Db 2 CTCCAGTGACAGTG 17

RESULT 883  
US-09-866-108A-6010  
; Sequence 6010, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 407 CTCCAGTGAGTGCG 422  
Db 2 CTCCAGTGACAGTG 17

; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6258  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-6258

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1041 CCTGGCCCGAGCCCAAG 1056  
 |||||  
 Db 2 CCAGGCCCGGCCCAAG 17

RESULT 882  
 US-09-866-108A-6259  
 ; Sequence 6259, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: ACOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6259  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-6259

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1041 CCTGGCCCGAGCCCAAG 1056  
 |||||  
 Db 1 CCAGGCCCGGCCCAAG 16

RESULT 883  
 US-09-866-108A-6339/c  
 ; Sequence 6339, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: ACOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668

; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Acomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 6339  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 ; US-09-866-108A-6339

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
 Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1386 CCTCTCCACCAAGCTG 1401  
 |||||

Db 17 CCTCCTCACCATGCG 2

## RESULT 884

US-09-866-108A-6340/c

; Sequence 6340, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6340

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-6340

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1386 CCTCCTCACCAAGCTG 1401

|||||

Db 16 CCTCCTCACCATGCG 1

## RESULT 885

US-09-866-108A-6341/c

; Sequence 6341, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 6341

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-6341

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1384 GACCTCCTCACCAAGC 1399

|||||

Db 17 GTCCTCCTCACCATGC 2

## RESULT 886

US-09-866-108A-6342/c

; Sequence 6342, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeonica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6342  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6342

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1384 GACCTCTCACCAGC 1399  
Db 16 GTCCTCTCACCATGC 1

RESULT 887  
US-09-866-108A-6794/c  
; Sequence 6794, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeonica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6794  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6794

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCTCAGCGCGCCT 569

Db 17 CCCACAGCCGCGCT 2

RESULT 888  
US-09-866-108A-6797/c  
; Sequence 6797, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeonica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6797  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6797

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 GCCCTCAGCGCGC 567  
Db 16 GCCCAGCCGCGC 1

RESULT 889  
US-09-866-108A-7036/c  
; Sequence 7036, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7036  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7036

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1638 GCAGCGCTGGAGGGA 1653  
Db 17 GTAGAGCTGGAGGGA 2

RESULT 890  
US-09-866-108A-7037/c  
; Sequence 7037, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AROMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7036  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7036

; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7037  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7037

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1638 GCAGCGCTGGAGGGA 1653  
Db 16 GTAGAGCTGGAGGGA 1

RESULT 891  
US-09-866-108A-7530/c  
; Sequence 7530, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AROMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7530  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7530

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1390 CTCACCAAGCTGTTC 1405  
Db 17 CTCACCAAGCTGTTC 2

## RESULT 892

US-09-866-108A-7531/c  
; Sequence 7531, Application US/09866108A  
; Patent No. 6686188

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 7531

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-7531

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1390 CTCACCAAGCTGTTC 1405

Db 16 CTCACCAAGCTGTTC 1

## RESULT 893

US-09-866-108A-8044

; Sequence 8044, Application US/09866108A

; Patent No. 6686188

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 8044

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-8044

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 127 GATCGGATGAAGAGA 142

Db 2 GATCGGATGAAGAGA 17

## RESULT 894

US-09-866-108A-8046

; Sequence 8046, Application US/09866108A

; Patent No. 6686188

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665



;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 8046  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-8046

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 128 ATCGGTGAAGACAGAT 143  
Db 1 AGCGGTGAAGACAGAT 16

RESULT 895  
US-09-866-108A-8303  
;; Sequence 8303, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: ACOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 8303  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-8303

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 267 CACACGTGCTGCTCCT 282  
Db 2 CAGACGTGCTGCTCCT 17

RESULT 896  
US-09-866-108A-8304  
;; Sequence 8304, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: ACOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 8304  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-8304

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 267 CACACGTGCTGCTCCT 282  
Db 1 CAGACGTGCTGCTCCT 16

RESULT 897  
US-09-866-108A-8998  
;; Sequence 8998, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark

```
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8998
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8998

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1540 GAGGCCAGCCTTCGGT 1555
Db 2 GAGGCCAGCCTTCGGT 17

RESULT 898
US-09-866-108A-8999
/ Sequence 8999, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8998
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8998

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1540 GAGGCCAGCCTTCGGT 1555
Db 2 GAGGCCAGCCTTCGGT 17

RESULT 898
US-09-866-108A-8999
/ Sequence 8999, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8998
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-8999

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1540 GAGGCCAGCCTTCGGT 1555
Db 1 GAGGCCAGCCTTCGGT 16

RESULT 899
US-09-866-108A-9023/c
/ Sequence 9023, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aeomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 9023
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108A-9023

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1129 TCACGAGCTACTCCA 1144  
||||| ||| |||||  
Db 17 TCACGAGCTACTCCA 2

## RESULT 900

US-09-866-108A-9024/c  
; Sequence 9024, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aecomica Sequence Listing Engine

; NUMBER OF SEQ ID NOS: 15755

; Patent No. 6686188

; SEQ ID NO 9024

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-9024

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1129 TCACGAGCTACTCCA 1144  
||||| ||| |||||  
Db 16 TCACGAGCTACTCCA 1

## RESULT 901

US-09-866-108A-10009  
; Sequence 10009, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 10009

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-10009

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 4.6e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 386 CGTCCTCGGAGCGGT 401  
||||| ||| |||||

Db 2 CGTCCTCGGAGCGGT 17  
||||| ||| |||||

## RESULT 902

US-09-866-108A-10011

; Sequence 10011, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 10011  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-10011

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 387 GTCCTCGGATGAGGTG 402  
Db 1 GTCCTCGGAGCGGTG 16

RESULT 903  
US-09-866-108A-10403  
;; Sequence 10403, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: ACOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 10403  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-10403

Query Match 0.7%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 564 CCGCTCCGTCGTGTC 579  
Db 2 CCGCTCCATCGTGC 17

RESULT 904  
US-09-866-108A-10404  
;; Sequence 10404, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: ACOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 10404  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-10404

Query Match 0.7%; Score 12.8; DB 1; Length 17;  
Best Local Similarity 87.5%; Pred. No. 4.6e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 564 CCGCTCCGTCGTGTC 579  
Db 1 CCGCTCCATCGTGC 16

RESULT 905  
US-09-866-108A-10663/c  
;; Sequence 10663, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.

```
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A601CA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: A601CA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10663
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-10663

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1027 CTGGCTGACTTTGGCC 1042
      ||||| |||||
Db 17 CTGGCTGCTCTGGCC 2

RESULT 906
US-09-866-108A-10665/C
; Sequence 10665, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A601CA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: A601CA Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10665
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-10665

Query Match 0.7%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1026 GCTGGCTGACTTTGGC 1041
      ||||| |||||
Db 16 GCTGGCTGCTCTGGC 1

RESULT 907
US-08-319-492B-727
; Sequence 727, Application US/08319492B
; Patent No. 5616488
; GENERAL INFORMATION:
; APPLICANT: Sullivan, Sean M.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF IL-5
; NUMBER OF SEQUENCES: 751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/319,492B
; FILING DATE: October 7, 1994
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/276
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 727:
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```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-319-492B-727

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 68.8%; Pred. No. 5.1e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy      864 GAGCAGTACTGTGAT 879
Db      111111111111111111
        2 GAGGCAGUCCUGGAU 17

RESULT 908
US-08-233-009-41/c
; Sequence 41, Application US/08233009
; Patent No. 5646156
; GENERAL INFORMATION:
; APPLICANT: Jacobson, Marlene A
; APPLICANT: Johnson, Robert G
; APPLICANT: Salvatore, Christopher A
; TITLE OF INVENTION: INHIBITION OF EOSINOPHIL
; TITLE OF INVENTION: ACTIVATION THROUGH A3 ADENOSINE RECEPTOR ANTAGONISM
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000
; CITY: Rahway
; STATE: New Jersey
; COUNTRY: United States
; ZIP: 07065
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/233,009
; FILING DATE: 25-APR-1994
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Bencen, Gerard H
; REGISTRATION NUMBER: 35,746
; REFERENCE/DOCKET NUMBER: 19219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (908) 594-3901
; TELEFAX: (908) 594-4720
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-08-233-009-41

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1593 CGTGGTGACACCGAG 1608
Db      111111111111111111
        18 CGTGATGACACCGAG 3

RESULT 909
US-08-323-443B-8
; Sequence 8, Application US/08323443B
```

```
; Patent No. 5654170
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W.
; APPLICANT: LANDES, GREGORY M.
; APPLICANT: BURN, TIMOTHY C.
; APPLICANT: CONNORS, TIMOTHY D.
; APPLICANT: DACKOWSKI, WILLIAM R.
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Darby & Darby PC
; STREET: 805 Third Avenue
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10022
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/323,443B
; FILING DATE: 12-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, S. Peter
; REGISTRATION NUMBER: 25,351
; REFERENCE/DOCKET NUMBER: 0372/OA462
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 527-7700
; TELEFAX: (212) 753-6237
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PKD1 Blocking
; DESCRIPTION: Oligonucleotide"
US-08-323-443B-8

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      1275 GACGTGCCAGGCATC 1290
Db      111111111111111111
        3 GACCTGTCCAGGCATC 18

RESULT 910
US-08-363-585-75/c
; Sequence 75, Application US/08363585
; Patent No. 5683872
; GENERAL INFORMATION:
; APPLICANT: Rudert, William A.
; APPLICANT: Trucco, Massimo
; TITLE OF INVENTION: Polymers of Oligonucleotide Probes
; TITLE OF INVENTION: As the Bound Ligands For Use in Reverse
; TITLE OF INVENTION: Dot Blots
; NUMBER OF SEQUENCES: 112
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: University of Pittsburgh
; STREET: Office of Intellectual Property
; CITY: 911 William Pitt Union
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 15260
```

COMPUTER READABLE FORM:  
MEDIUM TYPE: 5-1/4" low density diskette  
COMPUTER: IBM PC or compatibles  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,585  
FILING DATE: 31-OCT-1991  
PRIOR APPLICATION NUMBER: US/07/786,228  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Frederick H. Colen; Mary-Elizabeth Buckles  
REGISTRATION NUMBER: 28,061; 31,907  
REFERENCE/DOCKET NUMBER: 92-232  
TELEPHONE: 412/288-4164  
TELEFAX: 412/288-3063  
TELEX: 277871  
INFORMATION FOR SEQ ID NO: 75:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
PUBLICATION INFORMATION:  
AUTHORS: Kimura, A.  
TITLE: Eleventh International Histocompatibility  
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing  
TITLE: Technique  
JOURNAL: HLA 1991  
VOLUME: 1  
PAGES: 397-419  
DATE: 1992  
RELEVANT RESIDUES IN SEQ ID NO: 75: 1 to 18  
US-08-363-585-75

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

US-08-363-585-75

QY 201 TGCCCTGTGAGCAGATA 216  
DB 17 TGCCCTGTGAGCAGATA 2

RESULT 911  
US-08-363-585-99/c  
Sequence 99, Application US/08363585  
Patent No. 5683872  
GENERAL INFORMATION:  
APPLICANT: Rudert, William A.  
TITLE OF INVENTION: Polymers of Oligonucleotide Probes  
TITLE OF INVENTION: As the Bound Ligands For Use In Reverse  
TITLE OF INVENTION: Dot Blots  
NUMBER OF SEQUENCES: 112  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: University of Pittsburgh  
STREET: Office of Intellectual Property  
STREET: 911 William Pitt Union  
CITY: Pittsburgh  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 15260  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 5-1/4" low density diskette  
COMPUTER: IBM PC or compatibles  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: ASCII

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/363,585  
FILING DATE: 31-OCT-1991  
PRIOR APPLICATION NUMBER: US/07/786,228  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Frederick H. Colen; Mary-Elizabeth Buckles  
REGISTRATION NUMBER: 28,061; 31,907  
REFERENCE/DOCKET NUMBER: 92-232  
TELEPHONE: 412/288-4164  
TELEFAX: 412/288-3063  
TELEX: 277871  
INFORMATION FOR SEQ ID NO: 99:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
PUBLICATION INFORMATION:  
AUTHORS: Kimura, A.  
TITLE: Eleventh International Histocompatibility  
TITLE: Workshop Reference Protocol for the HLA-DNA-Typing  
TITLE: Technique  
JOURNAL: HLA 1991  
VOLUME: 1  
PAGES: 397-419  
DATE: 1992  
RELEVANT RESIDUES IN SEQ ID NO: 99: 1 to 18  
US-08-363-585-99

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 269 CACGTGCTGCTCTGG 284  
DB 17 CACGTGCTGCTCTGG 2

RESULT 912  
US-08-358-995-18/c  
Sequence 18, Application US/08358995  
Patent No. 5741638  
GENERAL INFORMATION:  
APPLICANT: AKIO YAMANE  
TITLE OF INVENTION: Microtiter Well For Detecting  
TITLE OF INVENTION: Nucleic Acid  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Wenderoth, Lind & Ponack  
STREET: 805 Fifteenth Street, N.W., #700  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 500 Kb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: Wordperfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/358,995  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/004,572  
FILING DATE: January 14, 1993  
APPLICATION NUMBER: 07/722,673

FILED DATE: June 28, 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Warren M. Cheek Jr.  
REGISTRATION NUMBER: 33,367  
REFERENCE/DOCKET NUMBER:  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-371-8850  
TELEFAX: 202-371-8856  
TELEX:  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
HYPOTHETICAL:  
ANTI-SENSE:  
FRAGMENT TYPE:  
ORIGINAL SOURCE:  
ORGANISM:  
STRAIN:  
INDIVIDUAL ISOLATE:  
DEVELOPMENTAL STAGE:  
HAPLOTYPE:  
TISSUE TYPE:  
CELL TYPE:  
CELL LINE:  
ORGANELLE:  
IMMEDIATE SOURCE:  
LIBRARY:  
CLONE:  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT:  
MAP POSITION:  
UNITS:  
FEATURE:  
NAME/KEY:  
LOCATION:  
IDENTIFICATION METHOD:  
OTHER INFORMATION:  
PUBLICATION INFORMATION:  
AUTHORS:  
TITLE:  
JOURNAL:  
VOLUME:  
ISSUE:  
PAGES:  
DATE:  
DOCUMENT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:  
US-08-358-995-18

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 201 TGCCCTGTGCAGATA 216  
Db 17 TGCCCTGTGCAGATA 2

RESULT 913  
US-08-309-512-50/c  
Sequence 50, Application US/08309512  
Patent No. 5759828  
GENERAL INFORMATION:  
APPLICANT: Tal, Ronny  
APPLICANT: Benzman, Moshe  
APPLICANT: Gelfand, David H.  
APPLICANT: Ben-Bassat, Arie

APPLICANT: Calboon, Roger D.  
APPLICANT: Wong, Hing C.  
TITLE OF INVENTION: CYCLIC DIGUANYLATE METABOLIC ENZYMES  
NUMBER OF SEQUENCES: 63  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pernie & Edmonds  
STREET: 2730 Sand Hill Road  
CITY: Menlo Park  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 94025  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/309,512  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/800,218  
FILING DATE: 29-NOV-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Bortner, Scott R.  
REGISTRATION NUMBER: 34,298  
REFERENCE/DOCKET NUMBER: 8145-008  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 854-3660  
TELEFAX: (415) 854-3694  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 50:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: YES  
US-08-309-512-50

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1594 GTGGTGACACCGAGT 1609  
Db 17 GTGGTGACACCGAGT 2

RESULT 914  
US-08-132-168A-10  
Sequence 10, Application US/08132168A  
Patent No. 5783680  
GENERAL INFORMATION:  
APPLICANT: Brunner, H. G.  
APPLICANT: Breakfield, X.  
TITLE OF INVENTION: Genetic Diagnosis and Treatment for  
TITLE OF INVENTION: Impulsive Aggression  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.  
STREET: 1100 New York Avenue, N.W. Suite 600  
CITY: Washington  
STATE: DC  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/132,168A



/ FILING DATE: 06-OCT-1993  
/ CLASSIFICATION: 435  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Goldstein, Jorge A.  
/ REGISTRATION NUMBER: 29,021  
/ REFERENCE/DOCKET NUMBER: 0509,4000000  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (202) 371-2600  
/ TELEFAX: (202) 371-2540  
/ TELEX: 248636 SSK  
/ INFORMATION FOR SEQ ID NO: 10:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 18 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-132-168A-10

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 671 AAGCAGCTCACAGA 686  
DB 3 AAGCAAAATCACAGA 18  
|||||

## RESULT 915

US-08-739-401A-1/C  
/ Sequence 1, Application US/08739401A  
/ Patent No. 5837461  
/ GENERAL INFORMATION:

/ APPLICANT: Neitz, Maureen E.  
/ APPLICANT: Neitz, John F.  
/ TITLE OF INVENTION: DETECTION OF CONE-PHOTORECEPTOR-BASED  
/ TITLE OF INVENTION: VISION DISORDERS  
/ NUMBER OF SEQUENCES: 18  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Quarles & Brady  
/ STREET: 411 East Wisconsin Avenue  
/ CITY: Milwaukee  
/ STATE: Wisconsin  
/ COUNTRY: U.S.A.  
/ ZIP: 53202-4497  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: PatentIn Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA: US/08/739,401A

/ FILING DATE:  
/ CLASSIFICATION: 435  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Baker, Jean C.  
/ REGISTRATION NUMBER: 35,433  
/ REFERENCE/DOCKET NUMBER: 650053,91151  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (414) 277-5709  
/ TELEFAX: (414) 271-3552  
/ INFORMATION FOR SEQ ID NO: 1:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 18 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: Oligonucleotide  
/ US-08-739-401A-1

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 934 CTCGGTGGCTGCCT 949  
DB 17 CTCGGTAGCCTGCCT 2  
|||||

## RESULT 916

US-09-205-922-60/c  
/ Sequence 60, Application US/09205922  
/ Patent No. 5951455  
/ GENERAL INFORMATION:  
/ APPLICANT: Lex M. Cowsett  
/ TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-11 EXPRESSION  
/ FILE REFERENCE: RTS-0030  
/ CURRENT APPLICATION NUMBER: US/09/205,922  
/ CURRENT FILING DATE: 1998-12-04  
/ NUMBER OF SEQ ID NOS: 87  
/ SEQ ID NO 60  
/ LENGTH: 18  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Antisense Oligonucleotide  
/ US-09-205-922-60

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1238 ACTCATCTCCGTAT 1253  
DB 16 ACATCATCTCCGTAT 1  
|||||

## RESULT 917

US-09-205-204-15  
/ Sequence 15, Application US/09205204  
/ Patent No. 5958772  
/ GENERAL INFORMATION:  
/ APPLICANT: C. Frank Bennett  
/ APPLICANT: Elizabeth J. Ackermann  
/ APPLICANT: Lex M. Cowsett  
/ TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRI  
/ FILE REFERENCE: RTS-0020  
/ CURRENT APPLICATION NUMBER: US/09/205,204  
/ CURRENT FILING DATE: 1998-12-03  
/ NUMBER OF SEQ ID NOS: 47  
/ SEQ ID NO 15  
/ LENGTH: 18  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: Antisense Oligonucleotide  
/ US-09-205-204-15

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1054 AAGTCAATCCCAACAA 1069  
DB 1 AAGTCAATCCCAACAA 16  
|||||

## RESULT 918

US-09-161-015-32  
/ Sequence 32, Application US/09161015A  
/ Patent No. 5965370  
/ GENERAL INFORMATION:  
/ APPLICANT: Lex M. Cowsett  
/ TITLE OF INVENTION: ANTISENSE MODULATION OF Rhog EXPRESSION  
/ FILE REFERENCE: RTS-0015  
/ CURRENT APPLICATION NUMBER: US/09/161,015A  
/ CURRENT FILING DATE: 1998-09-25

```

; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-015-32

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1392 CACCAAGCTGTGCG 1407
DB 2 CACCATCTGTGCG 17

RESULT 919
US-09-197-008-13/c
; Sequence 13, Application US/09197008
; Patent No. 5977341
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
; FILE REFERENCE: RTS-0019
; CURRENT APPLICATION NUMBER: US/09/197,008
; CURRENT FILING DATE: 1998-11-20
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-008-13

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 AAGGACCTGACGAGT 871
DB 16 AAGTACCTGAACCACT 1

RESULT 920
US-09-205-860-10
; Sequence 10, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-10

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 555 CCTCAGCCGCCGCTC 570
DB 2 CCGCGCGCGCGCTC 17

; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-015-32

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1392 CACCAAGCTGTGCG 1407
DB 2 CACCATCTGTGCG 17

RESULT 919
US-09-197-008-13/c
; Sequence 13, Application US/09197008
; Patent No. 5977341
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B KINASE-BETA EXPRESSION
; FILE REFERENCE: RTS-0019
; CURRENT APPLICATION NUMBER: US/09/197,008
; CURRENT FILING DATE: 1998-11-20
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 13
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-197-008-13

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 856 AAGGACCTGACGAGT 871
DB 16 AAGTACCTGAACCACT 1

RESULT 920
US-09-205-860-10
; Sequence 10, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-860-10

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 555 CCTCAGCCGCCGCTC 570
DB 2 CCGCGCGCGCGCTC 17

; Sequence 136, Application US/08743637B
; Patent No. 5994066
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: PICARD, Francois J.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIES-SPECIFIC AND UNIVERSAL DNA
; TITLE OF INVENTION: PROBES AND AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND
; TITLE OF INVENTION: IDENTIFY COMMON BACTERIAL PATHOGENS AND ASSOCIATED
; TITLE OF INVENTION: ANTIBIOTIC RESISTANCE GENES FROM CLINICAL SPECIMENS ...
; NUMBER OF SEQUENCES: 273
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: QUARLES & BRADY
; STREET: 411 EAST WISCONSIN AVENUE
; CITY: MILWAUKEE
; STATE: WISCONSIN
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/743,637B
; APPLICATION NUMBER: US/08/743,637B
; FILING DATE: 04-NOV-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/526,840
; FILING DATE: 11-SEP-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 136:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Klebsiella pneumoniae
US-08-743-637B-136

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1633 AGCAGCGACGGCTGG 1648
DB 1 AGCTGGCACGGCTGG 16

RESULT 922
US-08-857-946-14/c
; Sequence 14, Application US/08857946
; Patent No. 5994075
; GENERAL INFORMATION:
; APPLICANT: Goodfellow, P.N.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
; TITLE OF INVENTION: GENE OF INTEREST
; NUMBER OF SEQUENCES: 162
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
```

STREET: 75 State Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109-1807  
COMPUTER READABLE FORM:  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 6.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/857,946  
FILING DATE: 16-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/60/017,824  
FILING DATE: 17-MAY-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Kathleen M. Williams  
REGISTRATION NUMBER: 34,380  
REFERENCE/DOCKET NUMBER: 3529/05573  
TELEPHONE: 617-345-9100  
TELEFAX: 617-345-9111  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
US-08-857-946-14

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5, 1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 GCGCGCGCTCGTCG 575  
Db 17 GCGCGCGCGCGCG 2

RESULT 923  
US-08-480-655-33/c  
Sequence 33, Application US/08480655  
Patent No. 5998133  
GENERAL INFORMATION:  
APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;  
APPLICANT: BREAKFIELD, XANDRA, O;  
APPLICANT: SLAUGENHAUPT, SUSAN  
TITLE OF INVENTION: USE OF GENETIC MARKERS TO  
TITLE OF INVENTION: DIAGNOSE FAMILIAL DYSAUTONOMIA  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154  
COMPUTER READABLE FORM:  
MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/480,655  
FILING DATE: 07-JUNE-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/049,678  
FILING DATE: 16-APRIL-1993  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/890,719  
FILING DATE: 29-MAY-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: KENNETH H. SONNENFELD  
REGISTRATION NUMBER: 33,285  
REFERENCE/DOCKET NUMBER: 1829-4001US1  
TELEPHONE: 212-451-8513  
TELEFAX: 212-751-6849  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: UNKNOWN  
MOLECULE TYPE: OLIGONUCLEOTIDE  
HYPOTHETICAL: NO  
FEATURE:  
NAME/KEY: PRIMER SEQUENCE OF D9S174 LOCUS  
LOCATION: CHROMOSOME 9  
IDENTIFICATION METHOD:  
OTHER INFORMATION:  
PUBLICATION INFORMATION:  
AUTHORS: WEISENBACH, ET AL.  
TITLE: A SECOND GENERATION LINKAGE MAP OF  
TITLE: THE HUMAN GENOME  
JOURNAL: NATURE  
VOLUME: 359  
ISSUE:  
PAGES: 794  
DATE: 1992  
DOCUMENT NUMBER:  
FILING DATE:  
PUBLICATION DATE:  
RELEVANT RESIDUES IN SEQ ID NO:  
US-08-480-655-33

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5, 1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 278 CTCCTGGGGAACCTCG 293  
Db 18 CACCTGGGGAACCTTG 3

RESULT 924  
US-08-526-840B-136  
Sequence 136, Application US/08526840B  
Patent No. 6001564  
GENERAL INFORMATION:  
APPLICANT: BERGERON, Michel G.  
APPLICANT: OUELLETTE, Marc  
APPLICANT: ROY, Paul H.  
TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES AND  
TITLE OF INVENTION: AMPLIFICATION PRIMERS TO RAPIDLY DETECT AND IDENTIFY  
TITLE OF INVENTION: COMMON BACTERIAL PATHOGENS AND ANTIBIOTIC RESISTANCE GENES  
TITLE OF INVENTION: FROM CLINICAL SPECIMENS FOR ROUTINE DIAGNOSIS IN ...  
NUMBER OF SEQUENCES: 177  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: QUARLES & BRADY  
STREET: 411 East Wisconsin Avenue  
CITY: Milwaukee  
STATE: Wisconsin  
COUNTRY: USA  
ZIP: 53202-4497  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/526,840B  
 FILING DATE: 11-SEP-1995  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/304,732  
 FILING DATE: 12-SEP-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: BAKER, Jean C.  
 REGISTRATION NUMBER: 35,433  
 REFERENCE/DOCKET NUMBER: 850586.90012  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (414) 277-5000  
 TELEFAX: (414) 277-5591  
 INFORMATION FOR SEQ ID NO: 136:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 ORIGINAL SOURCE:  
 ORGANISM: Klebsiella pneumoniae  
 US-08-526-840B-136

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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RESULT 925
US-09-156-253-18/c
; Sequence 18, Application US/09156253C
; Patent No. 6001652
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: Antisense Modula
; FILE REFERENCE: RTS-0010
; CURRENT APPLICATION NUMBER: US/09156
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of A
US-09-156-253-18

```

```

RESULT 926
; Sequence 20, Application US/09156253C
; Patent No. 6001652
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: Antisense Modula

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; FILE REFERENCE: RTS-0010
; CURRENT APPLICATION NUMBER: US/09/156.253C
; CURRENT FILING DATE: 1998-09-18
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-156-253-20

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RESULT 927
US-09-205-921-8/c
; Sequence 8, Application US/09205921a
; Patent No. 6008048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-921-8

```

```

RESULT 928
US-09-205-921-17
/ Sequence 17, Application US/09205921A
/ Patent No. 6008048
/ GENERAL INFORMATION:
/ APPLICANT: Brett P. Monia
/ APPLICANT: ex M. Cowsett
/ TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
/ FILE REFERENCE: RTS-0028
/ CURRENT APPLICATION NUMBER: US/09/205,921A
/ CURRENT FILING DATE: 1998-12-04
/ NUMBER OF SEQ ID NOS: 47
/ SEQ ID NO 17
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-921-17

```

Query Match	0.7%;	Score 12.8;	DB 1;	Length 18;
Best Local Similarity	87.5%;	Pred. No. 5.1e+02;		

```
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 399 GGTCAGCTCCAGTG 414
Db 3 GGTCAGGCTCCAGGG 18

RESULT 929
US-08-970-740-14/c
; Sequence 14, Application US/08970740
; Patent No. 6015670
; GENERAL INFORMATION:
; APPLICANT: Goodfellow, P.N.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING A MUTATION IN A
; TITLE OF INVENTION: GENE OF INTEREST
; NUMBER OF SEQUENCES: 162
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Inc.
; STREET: 28 State Street, 28th Floor
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,740
; FILING DATE: 14-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/857,946
; FILING DATE: 16-MAY-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/017,824
; FILING DATE: 17-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kathleen M. Williams
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3529/59829
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-227-7111
; TELEFAX: 617-227-4399
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-970-740-14

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 560 GCCGCGCGCCCTCCGTCG 575
Db 17 GCCGCGCGCGCCCGCG 2

RESULT 930
US-08-838-545-9/c
; Sequence 9, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David R.
; APPLICANT: No. 6046307ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 399 GGTCAGCTCCAGTG 414
Db 3 GGTCAGGCTCCAGGG 18

TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy/ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
US-08-838-545-9

Query Match 0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1260 AACCCCACTGAGGAG 1275
Db 18 AACCCCTACTGAGAAG 3

RESULT 931
US-08-658-136-10
; Sequence 10, Application US/08658136
; Patent No. 6071717
; GENERAL INFORMATION:
; APPLICANT: KLINGER, KATHERINE W
; APPLICANT: LANDES, GREGORY M
; APPLICANT: BURN, TIMOTHY C
; APPLICANT: CONNORS, TIMOTHY D
; APPLICANT: DACKOWSKI, WILLIAM
; APPLICANT: GERMINO, GREGORY
; APPLICANT: QIAN, FENG
; TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: ONE MOUNTAIN ROAD
; CITY: FRAMINGHAM
; STATE: MASSACHUSETTS
; COUNTRY: USA
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/658,136  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: LASSEN, ELIZABETH  
REGISTRATION NUMBER: 31,845  
REFERENCE/DOCKET NUMBER: GEN4-17.8  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 508-872-8400  
TELEFAX: 508-872-5415  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-658-136-10

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1275 GACGTGCCGCGCATC 1290  
Db 3 GACCTGTCCAGGCATC 18  
|||||

RESULT 932  
US-09-289-466-79/c  
Sequence 79, Application US/09289466A  
Patent No. 6124272  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION  
FILE REFERENCE: RTS-0060  
CURRENT APPLICATION NUMBER: US/09/289,466A  
CURRENT FILING DATE: 1999-04-09  
NUMBER OF SEQ ID NOS: 86  
SEQ ID NO 79  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-466-79

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1656 CCACACCCCTCACAGG 1671  
Db 17 CCACACGCGCTAACAGG 2  
|||||

RESULT 933  
US-08-643-212-37  
Sequence 37, Application US/08643212  
Patent No. 6207640  
GENERAL INFORMATION:  
APPLICANT: Attie, Kenneth  
APPLICANT: Carlsson, Lena  
APPLICANT: Gesundheit, Neil  
APPLICANT: Goddard, Audrey  
TITLE OF INVENTION: Treatment of Partial Growth Hormone  
Insensitivity Syndrome  
NUMBER OF SEQUENCES: 79

CORRESPONDENCE ADDRESS:  
ADDRESSEE: Flehr, Hobbach, Test Albritton & Herbert  
STREET: Four Embarcadero Center, Suite 3400  
CITY: San Francisco  
STATE: California  
COUNTRY: United States  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/643,212  
FILING DATE: 03-MAY-1996  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/224,982  
FILING DATE: 07-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Dreger, Walter H.  
REGISTRATION NUMBER: 24,190  
REFERENCE/DOCKET NUMBER: A-63292-2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 781-1989  
TELEFAX: (415) 398-3249  
TELEX: 910 277299  
INFORMATION FOR SEQ ID NO: 37:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
US-08-643-212-37

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 384 CAGCTCTCGGATGAG 399  
Db 2 CACTTCTCAGATGAG 17  
|||||

RESULT 934  
US-09-323-424-4  
Sequence 4, Application US/09323424  
Patent No. 6218530  
GENERAL INFORMATION:  
APPLICANT: Rothschild, Kenneth J  
APPLICANT: Olejnik, Jerzy  
TITLE OF INVENTION: Compounds And Methods For Detecting Biomolecules  
FILE REFERENCE: AMBER-03888  
CURRENT APPLICATION NUMBER: US/09/323,424  
CURRENT FILING DATE: 1999-06-01  
PRIOR APPLICATION NUMBER: 60/087,641  
PRIOR FILING DATE: 1998-06-02  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 4  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: synthetic  
US-09-323-424-4

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 10 CGTAAAGGATGCAGCAG 25  
|||||

Db 3 CGTACAGGTGTACAG 18

RESULT 935  
US-09-455-683-33/c  
; Sequence 33, Application US/09455683  
; Patent No. 6262250  
; GENERAL INFORMATION:  
; APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;  
; BREAKFIELD, XANDRA, O;  
; SLAUGENHAUPT, SUSAN  
; TITLE OF INVENTION: USE OF GENETIC MARKERS TO  
; DIAGNOSE FAMILIAL DYSAUTONOMIA  
; NUMBER OF SEQUENCES: 34  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
; STREET: 345 PARK AVENUE  
; CITY: NEW YORK  
; STATE: NEW YORK  
; COUNTRY: USA  
; ZIP: 10154  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: FLOPPY DISK  
; COMPUTER: IBM PC COMPATIBLE  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: ASCII  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/455,683  
; FILING DATE: 07-Dec-1999  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/480,655  
; FILING DATE: 07-JUNE-1995  
; APPLICATION NUMBER: 08/049,678  
; FILING DATE: 16-APRIL-1993  
; APPLICATION NUMBER: US/07/890,719  
; FILING DATE: 29-MAY-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: KENNETH H. SONNENFELD  
; REGISTRATION NUMBER: 33,285  
; REFERENCE/DOCKET NUMBER: 1829-4001US2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-451-8513  
; TELEFAX: 212-751-6849  
; INFORMATION FOR SEQ ID NO: 33:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 BASE PAIRS  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: SINGLE  
; TOPOLOGY: UNKNOWN  
; MOLECULE TYPE: OLIGONUCLEOTIDE  
; HYPOTHETICAL: NO  
; MAP POSITION: A SECOND GENERATION LINKAGE MAP OF  
; THE HUMAN GENOME  
; FEATURE:  
; NAME/KEY: PRIMER SEQUENCE OF D9S174 LOCUS  
; LOCATION: CHROMOSOME 9  
; PUBLICATION INFORMATION:  
; AUTHORS: WEISSENBACH, ET AL.  
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:  
US-09-455-683-33

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 278 CTCCTGGGGAACTTCG 293  
Db 18 CACCTGGGGAACTTCG 3

RESULT 936  
US-09-349-532-9/c  
; Sequence 9, Application US/09349532

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1260 AACCCCAACTGAGAG 1275  
Db 18 AACCCCAACTGAGAG 3

RESULT 937  
US-09-496-694B-99/c  
; Sequence 99, Application US/09496694B  
; Patent No. 6335194  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swayze  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0439  
; CURRENT APPLICATION NUMBER: US/09/496,694B  
; CURRENT FILING DATE: 2000-02-02

Patent No. 6294650  
; GENERAL INFORMATION:  
; APPLICANT: Shay, Jerry W.  
; APPLICANT: Wright, Woodring E.  
; APPLICANT: Piatyszek, Mieczyslaw A.  
; APPLICANT: Corey, David R.  
; APPLICANT: No. 6294650ton, James C.  
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by  
; TITLE OF INVENTION: Peptide Nucleic Acids  
; NUMBER OF SEQUENCES: 60  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/349,532  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/838,545  
; FILING DATE: 09-APR-1997  
; APPLICATION NUMBER: US 08/630,019  
; FILING DATE: 09-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Storella, John R.  
; REGISTRATION NUMBER: 32,944  
; REFERENCE/DOCKET NUMBER: 015389-001610US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),  
; where (deoxy(ribose-phosphate linkages are replaced by  
; N-(2-aminoethyl)glycine units linked to nucleotide bases via  
; DESCRIPTION: Glycine amino N through a methylenecarbonyl linker"  
US-09-349-532-9

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

US-08-584-040-4500

RESULT 940  
US-09-504-358-39



```
; Sequence 39, Application US/09504358
; Patent No. 6365376
; GENERAL INFORMATION:
; APPLICANT: Rouviere, Pierre E.
; APPLICANT: Brzostowicz, Patricia C.
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIATES
; FILE REFERENCE: BCI001 US NA
; CURRENT APPLICATION NUMBER: US/09/504,358
; EARLIER FILING DATE: 2000-02-15
; EARLIER APPLICATION NUMBER: 60/120,702
; EARLIER FILING DATE: 1999-February-19
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-504-358-39

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1479 GATCCACAAACTTCCT 1494
Db 1 GATCCACCAAGTTCCT 16

RESULT 941
US-09-205-995-18/c
; Sequence 18, Application US/09205995
; Patent No. 6368855
; GENERAL INFORMATION:
; APPLICANT: Xu, Minzhen
; APPLICANT: Humphreys, Robert
; TITLE OF INVENTION: CANCER CELL VACCINE
; FILE REFERENCE: U.S. Application 09/205,995, (CIP)
; CURRENT APPLICATION NUMBER: US/09/205,995
; CURRENT FILING DATE: 1998-12-04
; PRIOR APPLICATION NUMBER: 09/036,746
; PRIOR FILING DATE: 1998-03-09
; PRIOR APPLICATION NUMBER: 08/661,627
; PRIOR FILING DATE: 1996-06-11
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: oligonucleotide corresponding to a specific region
US-09-205-995-18

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 517 GAGBAGCTGACCTCA 532
Db 18 GACAAAGCTGACCATCA 3

RESULT 942
US-09-387-341-175
; Sequence 175, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
; APPLICANT: Roberts, M. Luisa
; APPLICANT: Cowser, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,979
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 175
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-175

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1392 CACCAAGCTGTTCAG 1407
Db 2 CACCATCCTGTTCAG 17

RESULT 943
US-09-954-314-39
; Sequence 39, Application US/09954314
; Patent No. 6465224
; GENERAL INFORMATION:
; APPLICANT: Rouviere, Pierre E.
; APPLICANT: Brzostowicz, Patricia C.
; TITLE OF INVENTION: GENES AND ENZYMES FOR THE PRODUCTION OF ADIPIC ACID INTERMEDIA
; FILE REFERENCE: BCI001 US NA
; CURRENT APPLICATION NUMBER: US/09/954,314
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/120,702
; PRIOR FILING DATE: 1999-February-19
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-954-314-39

Query Match      0.7%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1479 GATCCACAAACTTCCT 1494
Db 1 GATCCACCAAGTTCCT 16

RESULT 944
US-09-475-947A-20
; Sequence 20, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
```



; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 2213  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-2213

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 624 GCTGGACAACTGGGC 639  
DB 18 GCTGGAGATCTGGC 3

## RESULT 949

US-09-371-772B-3009/c  
; Sequence 3009, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEH000,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 3009  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3009

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 33 GAGGTAGCAGGAGGA 48  
DB 16 GAGGTAGCAGGAGGA 1

## RESULT 950

US-09-585-174-25  
; Sequence 25, Application US/09585174  
; Patent No. 6586229  
; GENERAL INFORMATION:  
; APPLICANT: Ben-Bassat, Arie  
; APPLICANT: Cattermole, Monica  
; APPLICANT: Gatenby, Anthony A.  
; APPLICANT: Gibson, Katherine J.  
; APPLICANT: Ramos-Gonzalez, Isabel  
; APPLICANT: Ramos, Juan  
; APPLICANT: Sariaslani, Sima  
; TITLE OF INVENTION: Method for the Production of p-Hydroxybenzoate in Species of  
; TITLE OF INVENTION: Pseudomonas and Agrobacterium  
; FILE REFERENCE: BC1018 US NA  
; CURRENT APPLICATION NUMBER: US/09/585,174  
; CURRENT FILING DATE: 2000-06-01

; NUMBER OF SEQ ID NOS: 112  
; SOFTWARE: Microsoft Office 97  
; SEQ ID NO 25  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: primer  
; OTHER INFORMATION: primer used for sequencing pcu  
US-09-585-174-25

Query Match 0.7%; Score 12.8; DB 1; Length 18;  
Best Local Similarity 87.5%; Pred. No. 5.1e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1131 CACGGACTACTCCACT 1146  
DB 2 CTCGGACTACCACT 17

## RESULT 951

US-08-473-020A-17/c  
; Sequence 17, Application US/08473020A  
; Patent No. 587273  
; GENERAL INFORMATION:  
; APPLICANT: Hance, Allan J  
; APPLICANT: Grandchamp-Desraux, Bernard  
; APPLICANT: Levy-Frebault, Veronique  
; APPLICANT: Gicquel, Brigitte  
; TITLE OF INVENTION: Nucleotide sequences of actinomycetales,  
; TITLE OF INVENTION: applications to the synthesis or detection of nucleic  
; TITLE OF INVENTION: acids, products of expression of such sequences and  
; TITLE OF INVENTION: application as immunogenic compositions.  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Walter H. Dreger  
; STREET: 4 Embarcadero Center, Suite 3400  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/473,020A  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/623,729  
; FILING DATE: 14-DEC-1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Dreger, Walter H  
; REGISTRATION NUMBER: 24190  
; REFERENCE/DOCKET NUMBER: A54435  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 781-1989  
; TELEFAX: (415) 398-3249  
; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-473-020A-17

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 198 TGGTGCCCTGACGAG 213  
Db 17 TGGCGCCCTGACGAG 2

RESULT 952  
US-08-631-200-39/c  
; Sequence 39, Application US/08631200  
; Patent No. 5646040  
; GENERAL INFORMATION:  
; APPLICANT: Kleyn, Patrick W.  
; APPLICANT: Moore, Karen J.  
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND  
; REGISTRATION/DOCKET NUMBER: 7853-057  
; NUMBER OF SEQUENCES: 59  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/631,200  
; FILING DATE: 12-APR-1996  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Coruzzi, Laura A.  
; REGISTRATION NUMBER: 30,742  
; REFERENCE/DOCKET NUMBER: 7853-057  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 969-9741/8864  
; TELEFAX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 39:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-08-631-200-39

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 TGCCTACCTGCTGAG 1721  
Db 17 TGCCTGCTGCTGTG 2

RESULT 953  
US-08-748-591-21/c  
; Sequence 21, Application US/08748591  
; Patent No. 5759811  
; GENERAL INFORMATION:  
; APPLICANT: Epstein, Ervin  
; APPLICANT: Hu, Zhilan  
; APPLICANT: Bonifas, Jeanette  
; TITLE OF INVENTION: Mutant Human Hedgehog Gene  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish and Richardson  
; STREET: 2200 Sand Hill Road  
; CITY: Menlo Park  
; STATE: CA  
; COUNTRY: USA

ZIP: 94025  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/748,591  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sherwood, Pamela J  
; REGISTRATION NUMBER: 36,677  
; REFERENCE/DOCKET NUMBER: 06510/067001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 322-5070  
; TELEFAX: (415) 854-0875  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-08-748-591-21

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1392 CACCAAGCTGTTGCAG 1407  
Db 19 CACCAAGCTGTTGAG 4

RESULT 954  
US-08-912-976-28  
; Sequence 28, Application US/08912976  
; Patent No. 5814492  
; GENERAL INFORMATION:  
; APPLICANT: Carrino, J. J.  
; APPLICANT: Brainard, T. D.  
; TITLE OF INVENTION: Probe Masking Method of Reducing  
; TITLE OF INVENTION: Background in an Amplification Reaction  
; NUMBER OF SEQUENCES: 40  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Abbott Laboratories  
; STREET: 100 Abbott Park Road  
; CITY: Abbott Park  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60064-3500  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: Macintosh  
; OPERATING SYSTEM: System 7.0.1  
; SOFTWARE: MS Word/Text  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/912,976  
; FILING DATE: 13-AUG-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/478,152  
; FILING DATE: June 7, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Thomas D. Brainard  
; REGISTRATION NUMBER: 32,459  
; REFERENCE/DOCKET NUMBER: 5747.US.01  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 708/937-4884  
; TELEFAX: 708/938-2623  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 28:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other (synthetic DNA)
US-08-912-976-28
Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1586 CTTTCGCTGCTGGG 1601
Db 4 CTTTCCTGCTGGG 19

RESULT 955
US-08-829-553-39/c
; Sequence 39, Application US/08829553
; Patent No. 5817762
; GENERAL INFORMATION:
; APPLICANT: Kleyn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/829,553
; FILING DATE: 28-MAR-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/631,200
; FILING DATE: 12-APR-1996
; STATE: New York
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/829,553
; FILING DATE: 28-MAR-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/631,200
; FILING DATE: 12-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-057
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-829-553-39
Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 TGCCTACCTGCTGAG 1721
Db 17 TGCCTGCTGCTGAG 2

RESULT 956
US-08-936-707A-39/c
; Sequence 39, Application US/08936707A
; Patent No. 5871931
; GENERAL INFORMATION:
; APPLICANT: Kleyn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
```

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; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/936,707A
; FILING DATE: 24-SEP-1997
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-936-707A-39

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 TGCCTACCTGCCTGAG 1721
Db 17 TGCCTGCCTGCCTGTG 2

RESULT 958
US-08-936-706A-39/c
; Sequence 39, Application US/08936706A
; Patent No. 5876919
; GENERAL INFORMATION:
; APPLICANT: Klevn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/936,706A
; FILING DATE: 24-SEP-1997
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-099
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-936-706A-39

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 TGCCTACCTGCCTGAG 1721
Db 17 TGCCTGCCTGCCTGTG 2

RESULT 959
US-08-665-259-53
; Sequence 53, Application US/08665259
; Patent No. 6028173
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Dackowski, William R.
; APPLICANT: Van Raay, Terence J.
; APPLICANT: Klinger, Katherine W.
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
; TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/665,259
; FILING DATE: 17-JUN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IGS-9.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 872-8400
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide primer"
; US-08-665-259-53

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 562 CGCGCGCTCGCTGTG 577
Db 4 CGCGCGCTCTTCATG 19
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RESULT 960  
US-08-762-500-53  
; Sequence 53, Application US/08762500  
; Patent No. 6030806  
; GENERAL INFORMATION:  
; APPLICANT: Landes, Gregory M.  
; APPLICANT: Burn, Timothy C.  
; APPLICANT: Connors, Timothy D.  
; APPLICANT: Dackowski, William R.  
; APPLICANT: Van Raay, Terence J.  
; APPLICANT: Klinger, Katherine W.  
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,  
; TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME  
; NUMBER OF SEQUENCES: 83  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: GENZYME CORPORATION  
; STREET: One Mountain Road  
; CITY: Framingham  
; STATE: Massachusetts  
; COUNTRY: United States of America  
; ZIP: 01701  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/762,500  
; FILING DATE: 09-DEC-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/665,259  
; FILING DATE: 17-JUN-1996  
; PRIOR APPLICATION DATA: PCT/US96/10469  
; APPLICATION NUMBER: 17-JUN-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Dugan, Deborah A.  
; REGISTRATION NUMBER: 37,315  
; REFERENCE/DOCKET NUMBER: IGS-9.3  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (508) 872-8400  
; TELEFAX: (508) 872-5415  
; INFORMATION FOR SEQ ID NO: 53:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "oligonucleotide primer"  
US-08-762-500-53  
Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 562 CGCGCCTCCGCTG 577  
Db 4 CGCGCCTCCCTCATG 19  
RESULT 961  
US-08-750-064-19  
; Sequence 19, Application US/08750064  
; Patent No. 6040142  
; GENERAL INFORMATION:  
; APPLICANT: MELKI, JUDITH  
; APPLICANT: MUMICH, ARNOLD  
; TITLE OF INVENTION: METHOD AND PROBES FOR DETECTING MARKERS  
; TITLE OF INVENTION: BOUND TO THE LOCUS OF CHILD SPINAL MUSCULAR ATROPHIES  
; NUMBER OF SEQUENCES: 23  
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: NIXON & VANDERHYE P.C.  
; STREET: 1100 NORTH GLEBE ROAD  
; CITY: ARLINGTON  
; STATE: VIRGINIA  
; COUNTRY: U.S.A.  
; ZIP: 22201-4714  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/750,064  
; FILING DATE: 23-JAN-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: FR 94/06856  
; FILING DATE: 03-JUN-1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: WILSON, MARY J.  
; REGISTRATION NUMBER: 32,955  
; REFERENCE/DOCKET NUMBER: 960-26  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (703) 816-4000  
; TELEFAX: (703) 816-4100  
; INFORMATION FOR SEQ ID NO: 19:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleotide  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
US-08-750-064-19  
Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1704 TCTGCTTACTGCTG 1719  
Db 3 TCTGCTTCTCTCTG 18  
RESULT 962  
US-09-248-203-39/c  
; Sequence 39, Application US/09248203  
; Patent No. 6043346  
; GENERAL INFORMATION:  
; APPLICANT: Klevn, Patrick W.  
; APPLICANT: Moore, Karen J.  
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND  
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY  
; NUMBER OF SEQUENCES: 60  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/248,203  
; FILING DATE:  
; CLASSIFICATION:

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/936,707  
;; FILING DATE: 24-SEP-1997  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Coruzzi, Laura A.  
;; REGISTRATION NUMBER: 30,742  
;; REFERENCE/DOCKET NUMBER: 7853-100  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (212) 790-9090  
;; TELEFAX: (212) 869-9741/8864  
;; TELEX: 66141 PENNIE  
;; INFORMATION FOR SEQ ID NO: 39:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 19 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA  
US-09-248-203-39

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.Se+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1706 TGCCTACTGCTGAG 1721  
Db 17 TGCCTGCTGCTGTG 2

RESULT 963  
US-08-851-843A-95/c  
; Sequence 95, Application US/08851843A  
; Patent No. 6093809  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; APPLICANT: Lingner, Joachim  
; APPLICANT: Nakamura, Toru  
; APPLICANT: Chapman, Karen B.  
; APPLICANT: Morin, Gregg B.  
; APPLICANT: Harley, Calvin  
; APPLICANT: Andrews, William H.  
; TITLE OF INVENTION: No. 6093809el Telomerase  
; NUMBER OF SEQUENCES: 225  
; CORRESPONDENCE ADDRESS:  
; STREET: Townsend and Townsend and Crew LLP  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: United States of America  
; ZIP: 94111  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/851,843A  
; FILING DATE: 06-MAY-1997  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Apple, Randolph T.

;; REGISTRATION NUMBER: 36,429  
;; REFERENCE/DOCKET NUMBER: 015389-002930US  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (415) 576-0200  
;; TELEFAX: (415) 576-0300  
;; INFORMATION FOR SEQ ID NO: 95:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 19 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA  
US-08-851-843A-95

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.Se+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 271 CGTGTGCTCTCTGGG 286  
Db 19 CGTGTGCTCTCTGGG 4

RESULT 964  
US-08-974-549A-387/c  
; Sequence 387, Application US/08974549A  
; Patent No. 6166178  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; APPLICANT: Lingner, Joachim  
; APPLICANT: Nakamura, Toru  
; APPLICANT: Chapman, Karen B.  
; APPLICANT: Morin, Gregg B.  
; APPLICANT: Harley, Calvin  
; APPLICANT: Andrews, William H.  
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
; NUMBER OF SEQUENCES: 727  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/974,549A  
; FILING DATE: 19-NOV-1997  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/844,419  
; FILING DATE: 18-APR-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/846,017  
; FILING DATE: 25-APR-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/851,843  
; FILING DATE: 06-MAY-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/854,050  
; FILING DATE: 09-MAY-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/911,312  
; FILING DATE: 14-AUG-1997  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/912,951



;; FILING DATE: 14-AUG-1997  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 08/915,503  
;; FILING DATE: 14-AUG-1997  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: WO PCT/US97/17618  
;; FILING DATE: 01-OCT-1997  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: WO PCT/US97/17885  
;; FILING DATE: 01-OCT-1997  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Apple, Randolph Ted  
;; REGISTRATION NUMBER: 36,429  
;; REFERENCE/DOCKET NUMBER: 015389-002610US  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (415) 576-0200  
;; TELEFAX: (415) 576-0300  
;; INFORMATION FOR SEQ ID NO: 387:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 19 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA  
;; FEATURE:  
;; NAME/KEY: -  
;; LOCATION: 1..19  
;; OTHER INFORMATION: /note= "TCTP.9 primer"  
US-08-974-549A-387

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e-02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 271 CGTGTCTCTCTCTGGG 286  
||||| |||||  
Db 19 CGTGTCTCTCTCTGGG 4

RESULT 965  
US-08-960-780-84  
Sequence 84, Application US/08960780  
Patent No. 6204435  
GENERAL INFORMATION:  
APPLICANT: Feitelson, Jerald S.  
APPLICANT: Schnepf, H. Ernest  
APPLICANT: Narva, Kenneth E.  
APPLICANT: Stockhoff, Brian A.  
APPLICANT: Schmeits, James  
APPLICANT: Loewer, David  
APPLICANT: Dullum, Charles Joseph  
APPLICANT: Muller-Cohn, Judy  
APPLICANT: Stamp, Lisa  
TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide  
NUMBER OF SEQUENCES: 134  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: US  
ZIP: 32606-6669  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/960,780  
FILING DATE: 30-OCT-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,848  
FILING DATE: 30-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Saliwanchik, David R.  
REGISTRATION NUMBER: 31,794  
REFERENCE/DOCKET NUMBER: MA-708  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 352-375-8100  
TELEFAX: 352-372-5800  
INFORMATION FOR SEQ ID NO: 122:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs

;; APPLICATION NUMBER: US 60/029,848  
;; FILING DATE: 30-OCT-1996  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Saliwanchik, David R.  
;; REGISTRATION NUMBER: 31,794  
;; REFERENCE/DOCKET NUMBER: MA-708  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 352-375-8100  
;; TELEFAX: 352-372-5800  
;; INFORMATION FOR SEQ ID NO: 84:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 19 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
US-08-960-780-84

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e-02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1519 AAGGAGATTCACTAC 1534  
||||| |||||  
Db 2 AAGGAGATTCACTAC 17

RESULT 966  
US-08-960-780-122/c  
Sequence 122, Application US/08960780  
Patent No. 6204435  
GENERAL INFORMATION:  
APPLICANT: Feitelson, Jerald S.  
APPLICANT: Schnepf, H. Ernest  
APPLICANT: Narva, Kenneth E.  
APPLICANT: Stockhoff, Brian A.  
APPLICANT: Schmeits, James  
APPLICANT: Loewer, David  
APPLICANT: Dullum, Charles Joseph  
APPLICANT: Muller-Cohn, Judy  
APPLICANT: Stamp, Lisa  
TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide  
NUMBER OF SEQUENCES: 134  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: US  
ZIP: 32606-6669  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/960,780  
FILING DATE: 30-OCT-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,848  
FILING DATE: 30-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Saliwanchik, David R.  
REGISTRATION NUMBER: 31,794  
REFERENCE/DOCKET NUMBER: MA-708  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 352-375-8100  
TELEFAX: 352-372-5800  
INFORMATION FOR SEQ ID NO: 122:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs

; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-960-780-122

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1519 AAGGAGATTGAGTAC 1534  
Db 18 AAGGAGACTCAGGTAC 3

## RESULT 967

US-09-406-071-39/c  
; Sequence 39, Application US/09406071  
; Patent No. 6207386

## GENERAL INFORMATION:

; APPLICANT: Kiehn, Patrick W.  
; APPLICANT: Moore, Karen J.  
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND  
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY  
; NUMBER OF SEQUENCES: 60

## CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711

## COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/406,071

## FILING DATE:

## CLASSIFICATION:

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/936,707  
; FILING DATE:

## ATTORNEY/AGENT INFORMATION:

; NAME: Coruzzi, Laura A.  
; REGISTRATION NUMBER: 30,742  
; REFERENCE/DOCKET NUMBER: 7853-100

## TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-9741/8864  
; TELEX: 66141 PENNIE

## INFORMATION FOR SEQ ID NO:

; 39:

## SEQUENCE CHARACTERISTICS:

; LENGTH: 19 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA

US-09-406-071-39

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1706 TGCCTACTGCTGAG 1721

Db 17 TGCCTGCTGCTGTG 2

## RESULT 968

US-09-102-491-9/c  
; Sequence 9, Application US/09102491

; Patent No. 6238876  
; GENERAL INFORMATION:  
; APPLICANT: Altaba, Ariel Ruiz  
; TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT  
; TITLE OF INVENTION: OF SPORADIC BASAL CELL CARCINOMA  
; FILE REFERENCE: 1049-1-008N  
; CURRENT APPLICATION NUMBER: US/09/102,491  
; CURRENT FILING DATE: 1998-06-22  
; EARLIER APPLICATION NUMBER: 60/050,286  
; EARLIER FILING DATE: 1997-06-20  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 9

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer  
US-09-102-491-9

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 480 ACTACCAGCTGACATC 495

Db 17 ACTAGCAGCAGACATC 2

## RESULT 969

US-09-073-898-84

; Sequence 84, Application US/09073898

; Patent No. 6242669

## GENERAL INFORMATION:

; APPLICANT: Feitelson, Gerald S.

; APPLICANT: Schnepf, H. Ernest

; APPLICANT: Narva, Kenneth E.

; APPLICANT: Stockhoff, Brian A.

; APPLICANT: Schweits, James

; APPLICANT: Loewer, David

; APPLICANT: Dullum, Charles Joseph

; APPLICANT: Muller-Cohn, Judy

; APPLICANT: Stamp, Lisa

; APPLICANT: Morrill, George

; APPLICANT: Finstad-lee, Stacey

; TITLE OF INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide

; TITLE OF INVENTION: Sequences Which Encode These Toxins

; NUMBER OF SEQUENCES: 144

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik

; STREET: 2421 N.W. 41st Street, Suite A-1

; CITY: Gainesville

; STATE: FL

; COUNTRY: US

; ZIP: 32606-6669

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/073,898

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA: US 60/029,848

; APPLICATION NUMBER: 30-OCT-1996

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/960,780

; FILING DATE: 30-OCT-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Sanders, Jay M.

; REGISTRATION NUMBER: 39,355

REFERENCE/DOCKET NUMBER: MA-708C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 352-375-8100  
TELEFAX: 352-372-5800  
INFORMATION FOR SEQ ID NO: 84:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-073-898-84

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1519 AAGGAGATTCAGCTAC 1534  
Db 2 AAGGAGACTCAGGTAC 17

RESULT 970

US-09-073-898-122/c  
Sequence 122, Application US/09073898  
Patent No. 6242669  
GENERAL INFORMATION:  
APPLICANT: Feitelson, Jerald S.  
APPLICANT: Schnepf, H. Ernest  
APPLICANT: Narva, Kenneth E.  
APPLICANT: Stockhoff, Brian A.  
APPLICANT: Schmeits, James  
APPLICANT: Loewer, David  
APPLICANT: Dullum, Charles Joseph  
APPLICANT: Muller-Cohn, Judy  
APPLICANT: Stamp, Lisa  
APPLICANT: Morrill, George  
APPLICANT: Finstad, Stacey  
TITLE OF INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide  
TITLE OF INVENTION: Sequences Which Encode These Toxins  
NUMBER OF SEQUENCES: 144  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: US  
ZIP: 32606-6669  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION NUMBER: US/09/073,898  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/029,848  
FILING DATE: 30-OCT-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/960,780  
FILING DATE: 30-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Sanders, Jay M.  
REGISTRATION NUMBER: 39,355  
REFERENCE/DOCKET NUMBER: MA-708C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 352-375-8100  
TELEFAX: 352-372-5800  
INFORMATION FOR SEQ ID NO: 122:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs

TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-09-073-898-122

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1519 AAGGAGATTCAGCTAC 1534  
Db 18 AAGGAGACTCAGGTAC 3

RESULT 971

US-08-854-050-95/c  
Sequence 95, Application US/08854050  
Patent No. 6261836  
GENERAL INFORMATION:  
APPLICANT: Cech, Thomas R.  
APPLICANT: Lingner, Joachim  
APPLICANT: Nakamura, Toru  
APPLICANT: Chapman, Karen B.  
APPLICANT: Morin, Gregg B.  
APPLICANT: Harley, Calvin  
APPLICANT: Andrews, William H.  
TITLE OF INVENTION: No. 6261836el Telomerase  
NUMBER OF SEQUENCES: 225  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, 8th Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: United States of America  
ZIP: 94111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION NUMBER: US/08/854,050  
FILING DATE: 09-MAY-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
CLASSIFICATION: 536  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/724,643  
FILING DATE: 01-OCT-1996  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph T.  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002930US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 95:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

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; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-854-050-95

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 271 CGTGTCTCTCTCTGGG 286
Db 19 CGTGCACCTCTCTGGG 4

RESULT 972
US-09-338-907-533
; Sequence 533, Application US/093389507
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilyva, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPICP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 533
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-56-159.mis2
US-09-338-907-533

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 713 GACTGGACATGAAGA 728
Db 3 GACTGTACATGGNGA 18

RESULT 973
US-09-312-183A-11/c
; Sequence 11, Application US/09312183A
; Patent No. 6303766
; GENERAL INFORMATION:
; APPLICANT: GRABAU, ELIZABETH A.
; APPLICANT: HEGBMAN, CARLA E.
; TITLE OF INVENTION: SOYBEAN PHYTASE AND NUCLEIC ACID ENCODING THE SAME
; FILE REFERENCE: 6617-13
; CURRENT APPLICATION NUMBER: US/09/312,183A
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Gene-specific
; OTHER INFORMATION: primer
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US-09-312-183A-11

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 363 GGAGAGTGACCAAGGCT 378
Db 19 GGACAATGACCAAGGCT 4

RESULT 974
US-09-430-323-95/c
; Sequence 95, Application US/09430323
; Patent No. 6309867
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6309867el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/09/430,323
; FILING DATE: 29-Oct-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 95:
US-09-430-323-95

Query Match      0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 271 CGTGCTGCTCTCTGGG 286
Db 19 CGTGCCACTCTCTGGG 4

RESULT 975
US-09-218-207-533
; Sequence 533, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CPI
; CURRENT APPLICATION NUMBER: US/09/218,207
; EARLIER FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 533
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-56-159.mis2
US-09-218-207-533

Query Match 0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 713 GACTGGAACATGAGA 728
Db 3 GACTGTAACATGAGA 18

RESULT 976
US-08-912-951-154/c
; Sequence 154, Application US/08912951
; Patent No. 6475789
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND THERAPEUTIC METHODS
; NUMBER OF SEQUENCES: 335
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/912,951
; FILING DATE: 14-AUG-1997

QY 271 CGTGCTGCTCTCTGGG 286
Db 19 CGTGCCACTCTCTGGG 4

RESULT 977
US-09-422-978-4919
; Sequence 4919, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4919
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-18669 for SEQ 985,
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US-09-422-978-4919
Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1292 TGTCACAGGAGGTT 1307
    |||||
Db 2 TGTCACAGGAGGTT 17

RESULT 978
US-09-422-978-7743/c
; Sequence 7743, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7743
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-21725 for SEQ 3809,
US-09-422-978-7743

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 154 CTGTCAATGACACTCC 169
    |||||
Db 19 CTGTCAATGACACTGC 4

RESULT 979
US-09-814-986-39/c
; Sequence 39, Application US/09814986
; Patent No. 6605437
; GENERAL INFORMATION:
; APPLICANT: Kleyn, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,986
; FILING DATE: 09-MAY-1997
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; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
; FILING DATE: 24-SEP-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:
US-09-814-986-39

Query Match          0.7%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 5.5e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1706 TGCTACTGCTGCTGAG 1721
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Db 17 TGCTGCTGCTGCTGAG 2

RESULT 980
US-09-402-181B-387/c
; Sequence 387, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,181B
; FILING DATE: 29-Sep-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
```

APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Auserhus, Scott L.  
REGISTRATION NUMBER: 42,271  
REFERENCE/DOCKET NUMBER: 015389-002620US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 387:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..19  
OTHER INFORMATION: /note= "Tcpl.9 primer"  
SEQUENCE DESCRIPTION: SEQ ID NO: 387:  
US-09-402-181B-387

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGTCTCTCTGGG 286  
Db 19 CGTGCACCTCTCTGGG 4

RESULT 981  
US-09-721-456-387/c  
; Sequence 387, Application US/09721456  
; Patent No. 661710  
; GENERAL INFORMATION:  
; APPLICANT: Cech, Thomas R.  
; Lingner, Joachim  
; Nakamura, Toru  
; Chapman, Karen B.  
; Morin, Gregg B.  
; Harley, Calvin B.  
; Andrews, William H.  
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit  
; NUMBER OF SEQUENCES: 727  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/721,456  
; FILING DATE: 22-NOV-1997  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/974,549A  
; FILING DATE: 19-NOV-1997  
; APPLICATION NUMBER: US 08/724,643  
; FILING DATE: 01-OCT-1996

APPLICATION NUMBER: US 08/844,419  
FILING DATE: 18-APR-1997  
APPLICATION NUMBER: US 08/846,017  
FILING DATE: 25-APR-1997  
APPLICATION NUMBER: US 08/851,843  
FILING DATE: 06-MAY-1997  
APPLICATION NUMBER: US 08/854,050  
FILING DATE: 09-MAY-1997  
APPLICATION NUMBER: US 08/911,312  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/912,951  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: US 08/915,503  
FILING DATE: 14-AUG-1997  
APPLICATION NUMBER: WO PCT/US97/17618  
FILING DATE: 01-OCT-1997  
APPLICATION NUMBER: WO PCT/US97/17885  
FILING DATE: 01-OCT-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Apple, Randolph Ted  
REGISTRATION NUMBER: 36,429  
REFERENCE/DOCKET NUMBER: 015389-002610US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 387:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..19  
OTHER INFORMATION: /note= "Tcpl.9 primer"  
SEQUENCE DESCRIPTION: SEQ ID NO: 387:  
US-09-721-456-387

Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 CGTGTCTCTCTGGG 286  
Db 19 CGTGCACCTCTCTGGG 4

RESULT 982  
US-09-850-351A-84  
; Sequence 84, Application US/09850351A  
; Patent No. 6656908  
; GENERAL INFORMATION:  
; APPLICANT: Feitelson, Gerald S.  
; Schnepf, H. Ernest  
; Narva, Kenneth E.  
; Stockhoff, Brian A.  
; Schneits, James  
; Loewer, David  
; Dullum, Charles Joseph  
; Muller-Cohn, Judy  
; Stamp, Lisa  
; Morrill, George  
; TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide  
; Sequences Which Encode These Toxins  
; NUMBER OF SEQUENCES: 144  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
; STREET: 2421 N.W. 41st Street, Suite A-1  
; CITY: Gainesville  
; STATE: FL  
; COUNTRY: US  
; ZIP: 32606-6669

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA: US/09/850,351A  
APPLICATION NUMBER: US/09/850,351A  
FILING DATE: 07-May-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/073,898  
FILING DATE: 06-MAY-1998  
APPLICATION NUMBER: US 08/960,780  
FILING DATE: 30-OCT-1997  
APPLICATION NUMBER: US 60/029,848  
FILING DATE: 30-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Sanders, Jay M.  
REGISTRATION NUMBER: 39,355  
REFERENCE/DOCKET NUMBER: MA-708CD1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 352-375-8100  
TELEFAX: 352-372-5800  
INFORMATION FOR SEQ ID NO: 84:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 84:  
US-09-850-351A-84  
Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1519 AAGGAGATTCAGCTAC 1534  
Db 2 AAGGAGACTCAGGTAC 17  
RESULT 983  
US-09-850-351A-122/c  
; Sequence 122, Application US/09850351A  
; Patent No. 6656908  
; GENERAL INFORMATION:  
; APPLICANT: Peitelson, Jerald S.  
; Schnepf, H. Ernest  
; Narva, Kenneth E.  
; Stockhoff, Brian A.  
; Schmeits, James  
; Loewer, David  
; Dullum, Charles Joseph  
; Muller-Cohn, Judy  
; Stamp, Lisa  
; Morrill, George  
; TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide  
Sequences Which Encode These Toxins  
NUMBER OF SEQUENCES: 144  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL  
COUNTRY: US  
ZIP: 32606-6669  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/850,351A  
FILING DATE: 07-May-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 09/073,898  
FILING DATE: 06-MAY-1998  
APPLICATION NUMBER: US 08/960,780  
FILING DATE: 30-OCT-1997  
APPLICATION NUMBER: US 60/029,848  
FILING DATE: 30-OCT-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Sanders, Jay M.  
REGISTRATION NUMBER: 39,355  
REFERENCE/DOCKET NUMBER: MA-708CD1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 352-375-8100  
TELEFAX: 352-372-5800  
INFORMATION FOR SEQ ID NO: 122:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
SEQUENCE DESCRIPTION: SEQ ID NO: 122:  
US-09-850-351A-122  
Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 1519 AAGGAGATTCAGCTAC 1534  
Db 18 AAGGAGACTCAGGTAC 3  
RESULT 984  
US-09-495-714C-47  
; Sequence 47, Application US/09495714C  
; Patent No. 6670465  
; GENERAL INFORMATION:  
; APPLICANT: University Technologies International Inc.  
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE  
; FILE REFERENCE: 45499.4 (formerly 45074.6)  
; CURRENT APPLICATION NUMBER: US/09/495,714C  
; CURRENT FILING DATE: 2000-02-01  
; NUMBER OF SEQ ID NOS: 138  
; SOFTWARE: Patent in version 3.1  
; SEQ ID NO 47  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-495-714C-47  
Query Match 0.7%; Score 12.8; DB 1; Length 19;  
Best Local Similarity 87.5%; Pred. No. 5.5e+02;  
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 320 CACGAGATTTGCA 335  
Db 1 CACGAGATGGTCCA 16  
RESULT 985  
US-09-163-485-22  
; Sequence 22, Application US/09163485  
; Patent No. 6277571  
; GENERAL INFORMATION:  
; APPLICANT: FILMORE, HELEN  
; APPLICANT: BROADUS, WILLIAM  
; APPLICANT: GILLIES, GEORGE  
; TITLE OF INVENTION: SEQUENTIAL CONSENSUS REGION-DIRECTED AMPLIFICATION OF  
KNOWN AND NOVEL MEMBERS OF GENE FAMILIES



FILE REFERENCE: VCUIP4B  
CURRENT APPLICATION NUMBER: US/09/163,485  
CURRENT FILING DATE: 1998-08-30  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 22  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
OTHER INFORMATION: oligonucleotide, consensus sequence from human  
OTHER INFORMATION: matrix metalloproteinases  
FEATURE:  
NAME/KEY: MOD RES  
LOCATION: (9)  
OTHER INFORMATION: A, T, C, G, other or unknown  
US-09-163-485-22

Query Match 0.7%; Score 12.6; DB 1; Length 18;  
Best Local Similarity 66.7%; Pred. No. 5.7e+02;  
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 856 AAGGACCTGAAGCAGTAC 873  
|||:|:|:|:|:|:|:|  
Db 1 AARGAYGTNARCAGTTC 18

RESULT 986  
US-07-922-723A-21/c  
Sequence 21, Application US/07922723A  
Patent No. 5369004  
GENERAL INFORMATION:  
APPLICANT: Drs. Michael H. Polymeropoulos  
and Carl R. Merrill  
TITLE OF INVENTION: FIVE HIGHLY INFORMATIVE  
TITLE OF INVENTION: REPEAT POLYMORPHIC DNA MARKERS  
NUMBER OF SEQUENCES: 73  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lowe, Price, LeBlanc & Becker  
STREET: Suite 300, 99 Canal Center Plaza  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22314

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: DOS Text File  
CURRENT APPLICATION DATA:  
FILING DATE: US/07/922,723A  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: D.J. Mills  
REGISTRATION NUMBER: 34506  
REFERENCE/DOCKET NUMBER: 717081B  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703 684 1111  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-07-922-723A-21

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 949 TACTGCCACCGCAGAGG 967  
|||:|:|:|:|:|:|:|  
Db 19 TACAGCCACAGGAGATGG 1

RESULT 987  
US-07-799-828C-21/c  
Sequence 21, Application US/07799828C  
Patent No. 5378602  
GENERAL INFORMATION:  
APPLICANT: Drs. Carl R. Merrill and  
Michael H. Polymeropoulos  
TITLE OF INVENTION: TWENTY SEVEN HIGHLY INFORMATIVE  
TITLE OF INVENTION: MICROSATELLITE REPEAT  
TITLE OF INVENTION: POLYMORPHIC DNA MARKERS  
NUMBER OF SEQUENCES: 63  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lowe, Price, LeBlanc & Becker  
STREET: Suite 300, 99 Canal Center Plaza  
CITY: Alexandria  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22314

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: DOS Text File  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/799,828C  
FILING DATE: 19911127  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: D.J. Mills  
REGISTRATION NUMBER: 34,506  
REFERENCE/DOCKET NUMBER: 717081A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703 684 1111  
INFORMATION FOR SEQ ID NO: 21:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-07-799-828C-21

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 949 TACTGCCACCGCAGAGG 967  
|||:|:|:|:|:|:|:|  
Db 19 TACAGCCACAGGAGATGG 1

RESULT 988  
US-08-474-542A-80/c  
Sequence 80, Application US/08474542A  
Patent No. 5527898  
GENERAL INFORMATION:  
APPLICANT: Bauer, Heidi M.  
APPLICANT: Gravitt, Patti E.  
APPLICANT: Greer, Catherine E.  
APPLICANT: Imprim, Chaka C.  
APPLICANT: Manos, M. Michele  
APPLICANT: Resnick, Robert M.  
TITLE OF INVENTION: Detection of Human Papillomavirus by the  
NUMBER OF SEQUENCES: 298  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street

/ CITY: Nutley  
/ STATE: New Jersey  
/ COUNTRY: U.S.A.  
/ ZIP: 07110  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Floppy disk  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent In Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/474,542A  
/ FILING DATE:  
/ CLASSIFICATION: 435  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Petry, Douglas A.  
/ REGISTRATION NUMBER: 35,321  
/ REFERENCE/DOCKET NUMBER: 9234  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (510) 814-2974  
/ TELEFAX: (510) 814-2977  
/ INFORMATION FOR SEQ ID NO: 80:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 19 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA (genomic)  
/ US-08-474-542A-80

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTCTGATGG 362  
DB 19 TGAACATGGCGCTCTGTAGG 1

RESULT 989  
US-08-079-110A-6  
/ Sequence 6, Application US/08079110A  
/ Patent No. 5571711  
/ GENERAL INFORMATION:  
/ APPLICANT: van der Bruggen, Pierre; Boon-Falleur,  
/ APPLICANT: Thierry; Coullie, Pierre; Renauld, Jean-Christophe  
/ TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES  
/ TITLE OF INVENTION: CODING FOR BAGE TUMOR REJECTION ANTIGEN PRECURSORS  
/ NUMBER OF SEQUENCES: 6  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Felfe & Lynch  
/ STREET: 805 Third Avenue  
/ CITY: New York City  
/ STATE: New York  
/ COUNTRY: USA  
/ ZIP: 10022  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
/ COMPUTER: IBM PS/2  
/ OPERATING SYSTEM: PC-DOS  
/ SOFTWARE: Wordperfect  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/079,110A  
/ FILING DATE: 17-JUN-1993  
/ CLASSIFICATION: 435  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Hanson, No. 5571711man D.  
/ REGISTRATION NUMBER: 30,946  
/ REFERENCE/DOCKET NUMBER: LUD 5310  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (212) 688-9200  
/ TELEFAX: (212) 838-3884  
/ INFORMATION FOR SEQ ID NO: 6:  
/ SEQUENCE CHARACTERISTICS:

/ LENGTH: 19 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-079-110A-6

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 841 TTGAGTACCTGGACAAGG 859  
DB 1 TTAGAGGACCAGGAGAAGG 19

RESULT 990  
US-08-222-177A-381/c  
/ Sequence 381, Application US/08222177A  
/ Patent No. 5582979  
/ GENERAL INFORMATION:  
/ APPLICANT: Weber, James L.  
/ TITLE OF INVENTION: LENGTH POLYMORPHISMS IN  
/ TITLE OF INVENTION: (dC-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME  
/ NUMBER OF SEQUENCES: 460  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: DeWitt Ross & Stevens, S.C.  
/ STREET: 8000 Excelsior Drive, Suite 401  
/ CITY: Madison  
/ STATE: Wisconsin  
/ COUNTRY: USA  
/ ZIP: 53717-1914  
/ COMPUTER READABLE FORM: disk  
/ MEDIUM TYPE: IBM PC compatible  
/ COMPUTER: IBM PC compatible  
/ OPERATING SYSTEM: PC-DOS/MS-DOS  
/ SOFTWARE: Patent In Release #1.0, Version #1.25  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/222,177A  
/ FILING DATE:  
/ CLASSIFICATION: 435  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: US 07/341,562  
/ FILING DATE: 21-APR-1989  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Sara, Charles S.  
/ REGISTRATION NUMBER: 30,492  
/ REFERENCE/DOCKET NUMBER: 09865.601  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (608) 831-2100  
/ TELEFAX: (608) 831-2106  
/ TELEX:  
/ INFORMATION FOR SEQ ID NO: 381:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 19 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: double  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA (genomic)  
/ IMMEDIATE SOURCE:  
/ CLONE: mtd120p2  
/ US-08-222-177A-381

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 377 CTTACGCCAGCTCTCGGA 395  
DB 19 CTTACGCCTCAACCTCTGA 1

RESULT 991  
US-08-379-078-706

Sequence 706, Application US/08379078  
Patent No. 5639812  
GENERAL INFORMATION:  
APPLICANT: Mitsuhashi, Masato  
APPLICANT: Cooper, Allan  
TITLE OF INVENTION: Gene Detection System  
NUMBER OF SEQUENCES: 726  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KNOBBE, MARTENS, OLSON AND BEAR  
STREET: 620 Newport Center Drive 16th Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: USA  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/379,078  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/974,406  
FILING DATE: 12-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E.  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: HITACHI.011CP2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
INFORMATION FOR SEQ ID NO: 706:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-379-078-706

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 458 AGGACATCAACACGCGCCT 476  
|||||  
Db 1 AGGACATCAACACACCT 19

RESULT 992  
US-08-457-648-80/c  
Sequence 80, Application US/08457648  
Patent No. 5639871  
GENERAL INFORMATION:  
APPLICANT: Bauer, Heidi M.  
APPLICANT: Gravitt, Fatti E.  
APPLICANT: Greer, Catherine E.  
APPLICANT: Imprim, Chaka C.  
APPLICANT: Manos, M. Michele  
APPLICANT: Resnick, Robert M.  
TITLE OF INVENTION: Detection of Human Papillomavirus by the  
NUMBER OF SEQUENCES: 298  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann-La Roche Inc.  
STREET: 340 Kingsland Street  
CITY: Nutley  
STATE: New Jersey  
COUNTRY: U.S.A.

ZIP: 07110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,648  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Petry, Douglas A.  
REGISTRATION NUMBER: 35,321  
REFERENCE/DOCKET NUMBER: 9205  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 814-2974  
TELEFAX: (510) 814-2977  
INFORMATION FOR SEQ ID NO: 80:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-457-648-80

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 344 TGAAGATGGGCTCTGATGG 362  
|||||  
Db 19 TGAACATGGGCTCTGTAGG 1

RESULT 993  
US-08-196-630A-7  
Sequence 7, Application US/08196630A  
Patent No. 5683886  
GENERAL INFORMATION:  
APPLICANT: van der Bruggen, Pierre  
APPLICANT: Boon-Falleur, Thierry  
TITLE OF INVENTION: ISOLATED PEPTIDES WHICH FORM  
TITLE OF INVENTION: COMPLEXES WITH MHC MOLECULE HLA-C-CLONE 10 AND USES  
TITLE OF INVENTION: THEREOF  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felfe & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/196,630A  
FILING DATE: 15-FEB-1994  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/079,110  
FILING DATE: 17-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Hanson, No. 5683886man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5310.1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 638-3884  
INFORMATION FOR SEQ ID NO: 7:

; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-196-630A-7

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 841 TTGAGTACCTGACGAGG 859  
||| ||| ||| ||| |||  
Db 1 TTAGAGCACCAGGAGG 19

## RESULT 994

US-08-356-287-24/c  
; Sequence 24, Application US/08356287  
; Patent No. 5686272  
; GENERAL INFORMATION:  
; APPLICANT: Ronald L. Marshall  
; APPLICANT: John J. Carrino  
; APPLICANT: Joann Sustachek  
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES USING  
; TITLE OF INVENTION: THE LIGASE CHAIN REACTION  
; NUMBER OF SEQUENCES: 36  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Abbott Laboratories  
; STREET: 100 Abbott Park Road  
; CITY: Abbott Park  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60064-3500  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy diskette  
; COMPUTER: Macintosh  
; OPERATING SYSTEM: System 7.0.1  
; SOFTWARE: Microsoft Word 5.1a  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/356,287  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/891,543  
; FILING DATE: 29 MAY 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Paul D. Yeager  
; REGISTRATION NUMBER: 37,477  
; REFERENCE/DOCKET NUMBER: 5172.US.P1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 708-937-2341  
; TELEFAX: 708-938-2623  
; INFORMATION FOR SEQ ID NO: 24:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Other nucleic acid (synthetic DNA)  
US-08-356-287-24

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 182 GCATAGACAGACCAATGG 200  
||| ||| ||| ||| |||  
Db 19 GCAGGGCAGGCAATGG 1

## RESULT 995

US-08-271-880A-44

; Sequence 44, Application US/08271880A  
; Patent No. 5693535  
; GENERAL INFORMATION:  
; APPLICANT: Kenneth G. Draper  
; APPLICANT: Bharat Chowrira  
; APPLICANT: James McSwiggen  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James D. Thompson  
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING  
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS  
; TITLE OF INVENTION: REPLICATION  
; NUMBER OF SEQUENCES: 232  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/271,880A  
; FILING DATE: July 7, 1994  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application two  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/103,243  
; FILING DATE: August 6, 1993  
; APPLICATION NUMBER: 07/882,886  
; FILING DATE: May 14, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 206/116  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 44:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-271-880A-44

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 68.4%; Pred. No. 6.2e+02;  
Matches 13; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

Qy 1051 GCCAAGTCAATCCCAACAA 1069  
||| ||| ||| ||| |||  
Db 1 GCUAUUCACUCCCAACGA 19

## RESULT 996

US-08-221-816B-17/c  
; Sequence 17, Application US/08221816B  
; Patent No. 5738985  
; GENERAL INFORMATION:  
; APPLICANT: Miles, Vincent J.  
; APPLICANT: Mathews, Michael B.  
; APPLICANT: Katze, Michael G.  
; APPLICANT: Withrell, Gary  
; APPLICANT: Watson, Julia C.  
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION  
; TITLE OF INVENTION: OF VIRAL REPLICATION

NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036/2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/221,816B  
FILING DATE: 01-APR-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7960-030  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-221-816B-17

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 543 CTTTGACAGCCCTCAGC 561  
DB 19 CTTTGATGAGCTTCAGC 1

RESULT 997  
US-08-709-733-12/c  
Sequence 12, Application US/08709733  
Patent No. 5783442  
GENERAL INFORMATION:  
APPLICANT: Kato, Seishi  
APPLICANT: Aoki, Takashi  
APPLICANT: Umezawa, Yuki  
TITLE OF INVENTION: CLONING VECTOR PLASMID, VECTOR-PRIMER  
TITLE OF INVENTION: DERIVED THEREFROM AND PREPARATION METHOD OF THE SAME  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP  
STREET: P.O. Box 747  
CITY: Falls Church  
STATE: Virginia  
COUNTRY: USA  
ZIP: 22040-3487  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/709,733  
FILING DATE: 09-SEP-1996  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Murphy Jr., Gerald M.  
REGISTRATION NUMBER: 28,977

REFERENCE/DOCKET NUMBER: 760-218P  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-205-8000  
TELEFAX: 703-205-8050  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "OLIGONUCLEOTIDE PRIMER L11"  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
FEATURE:  
NAME/KEY: 1..19  
LOCATION: 1..19  
OTHER INFORMATION: /note= "OLIGONUCLEOTIDE PRIMER L11"  
US-08-709-733-12

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 506 AGGGCTACTCGAGAGCT 524  
DB 19 AGGCTACATGCCAAGCT 1

RESULT 998  
US-08-359-705B-22/c  
Sequence 22, Application US/08359705B  
Patent No. 5844092  
GENERAL INFORMATION:  
APPLICANT: Presta, Leonard G.  
APPLICANT: Shelton, David L.  
APPLICANT: Urfer, Roman  
TITLE OF INVENTION: Human trk Receptors and Neurotrophic Factor Inhibitors  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/359,705B  
FILING DATE: 20-Dec-1994  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/286946  
FILING DATE: 08/10/94  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/215139  
FILING DATE: 03/18/94  
ATTORNEY/AGENT INFORMATION:  
NAME: Torchia, PhD., Timothy E.  
REGISTRATION NUMBER: 36,700  
REFERENCE/DOCKET NUMBER: P0873P2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650/225-8674  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single

```
/ TOPOLOGY: Linear
US-08-359-705B-22
Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 829 CTCACCTTCTCTTTAGT 847
Db 19 CTCACCTTGGCTGGCT 1

RESULT 999
US-08-450-905B-131
; Sequence 131, Application US/08450905B
; Patent No. 5856301
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Stem Cell Inhibiting Proteins
; NUMBER OF SEQUENCES: 178
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HALE and DORR
; STREET: 60 State Street
; CITY: Boston
; STATE: MA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450,905B
; FILING DATE: 26-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,759
; FILING DATE: 08-MAR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9127319.3
; FILING DATE: 23-DEC-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9221587.0
; FILING DATE: 14-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, HOLLIE L.
; REGISTRATION NUMBER: 31,321
; REFERENCE/DOCKET NUMBER: 102.378.120DV-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-526-6110
; TELEFAX: 617-526-5000
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..19
; OTHER INFORMATION: /product= "BB9501 oligomer"
US-08-450-905B-131
Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1395 CAAGCTGTGTGAGTTGAG 1413
Db 1 CAAGCGGTAGCAGTGTGAG 19

RESULT 1000
US-07-952-277A-21/c
; Sequence 21, Application US/07952277A
; Patent No. 5861504
; GENERAL INFORMATION:
; APPLICANT: Drs. Mihael H. Polymeropoulos
; APPLICANT: and Carl R. Mexrill
; TITLE OF INVENTION: ELVEN HIGHLY INFORMATIVE
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lowe, Price, LeBlanc & Becker
; STREET: Suite 300, 99 Canal Center Plaza
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: DOS Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/952,277A
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: D.J. Mills
; REGISTRATION NUMBER: 34506
; REFERENCE/DOCKET NUMBER: 717081C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703 684 1111
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-952-277A-21
Query Match 0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 949 TACTGCCACCGGAGAGG 967
Db 19 TACAGCCACAGGAAGATGG 1

RESULT 1001
US-08-286-846A-22/c
; Sequence 22, Application US/08286846A
; Patent No. 5877016
; GENERAL INFORMATION:
; APPLICANT: Presta, Leonard G.
; APPLICANT: Shelton, David L.
; APPLICANT: Urfer, Roman
; TITLE OF INVENTION: Human trk Receptors and Neurotrophic Factor Inhibitors
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatIn (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/286,846A
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```
/ FILING DATE: 05-AUG-1994
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Torchia, Ph.D., Timothy E.
/ REGISTRATION NUMBER: 36,700
/ REFERENCE/DOCKET NUMBER: P0873P1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 415/225-8674
/ TELEFAX: 415/952-9881
/ TELEX: 910/371-7168
/ INFORMATION FOR SEQ ID NO: 22:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ US-08-286-846A-22

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 CTCACCCCTGCTTTGAGT 847
Db 19 CTCACCCCTGGCGCTGCGT 1

RESULT 1002
US-08-500-860A-10
/ Sequence 10, Application US/08500860A
/ Patent No. 5891679
/ GENERAL INFORMATION:
/ APPLICANT: LUCAS, RUDOLPH
/ APPLICANT: DE BARTSELIER, PATRICK
/ APPLICANT: FRANSSEN, LUCIE
/ APPLICANT: SABLON, ERWIN
/ TITLE OF INVENTION: TNF-MUTEINS, A PROCESS FOR PREPARING THEM AND
/ TITLE OF INVENTION: THEIR USE AS ACTIVE SUBSTANCES IN PHARMACEUTICAL COMPOSITIONS
/ NUMBER OF SEQUENCES: 36
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: NIXON & VANDERHUYE P.C.
/ STREET: 1100 NORTH GLEBBE ROAD
/ CITY: ARLINGTON
/ STATE: VIRGINIA
/ COUNTRY: U.S.A.
/ ZIP: 22201-4714
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ FILING DATE:
/ APPLICATION NUMBER: US/08/500,860A
/ CLASSIFICATION: 435
/ ATTORNEY/AGENT INFORMATION:
/ NAME: BYRNE, THOMAS E.
/ REGISTRATION NUMBER: 32,205
/ REFERENCE/DOCKET NUMBER: 1487-8
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703)816-4100
/ TELEFAX: (703)816-4100
/ TELEX: 200797 NIXN UR
/ INFORMATION FOR SEQ ID NO: 10:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ HYPOTHETICAL: NO
/ ANTI-SENSE: YES
/ US-08-500-860A-10
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Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1639 CAGCGGCTGGAGGATGCC 1657
Db 1 CAGCGGCTGGAGGATGCC 19

RESULT 1003
US-08-855-449-18
/ Sequence 18, Application US/08855449
/ Patent No. 5910412
/ GENERAL INFORMATION:
/ APPLICANT: AKAMATSU, TOYOKAZU
/ APPLICANT: SUZUKI, TAKAO
/ TITLE OF INVENTION: METHOD FOR IDENTIFYING THE SEX OF
/ TITLE OF INVENTION: SPINACH BY DNA MARKERS
/ NUMBER OF SEQUENCES: 24
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
/ ADDRESSEE: P.C.
/ STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400
/ CITY: ARLINGTON
/ STATE: VA
/ COUNTRY: USA
/ ZIP: 22202
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/855,449
/ FILING DATE: 13-MAY-1997
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: JP 119124/1996
/ FILING DATE: 14-MAY-1996
/ ATTORNEY/AGENT INFORMATION:
/ NAME: OBLON, NORMAN F.
/ REGISTRATION NUMBER: 24,618
/ REFERENCE/DOCKET NUMBER: 7828-0003-0
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 703-413-3000
/ TELEFAX: 703-413-2220
/ INFORMATION FOR SEQ ID NO: 18:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ DESCRIPTION: /desc = "SYNTHETIC DNA"
/ US-08-855-449-18

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 995 ACCTGCTCATCAACGAGAG 1013
Db 1 ACCTGCTCATCAACGAGAG 19

RESULT 1004
US-08-457-880A-22/c
/ Sequence 22, Application US/08457880A
/ Patent No. 5910574
/ GENERAL INFORMATION:
/ APPLICANT: Leonard G. Presta
/ APPLICANT: David L. Shelton
```

APPLICANT: Roman Urfer  
TITLE OF INVENTION: HUMAN trk RECEPTORS AND NEUTROPHIC FACTOR  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Genentech, Inc.  
STREET: 1 DNA Way  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,880A  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/444,622  
FILING DATE: 19-May-1995  
APPLICATION NUMBER: 08/286846  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Torchia, PhD., Timothy E.  
REGISTRATION NUMBER: 36,700  
REFERENCE/DOCKET NUMBER: P0873PIC3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 650/225-8674  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-457-880A-22  
Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 CTCACCTTGTCTTGTGAT 847  
Db 19 CTCACCTTGGCCTGGGT 1

RESULT 1005  
US-08-649-991-33/c  
Sequence 33, Application US/08649991  
Patent No. 5919462  
GENERAL INFORMATION:  
APPLICANT: Narwa, Remy  
TITLE OF INVENTION: NUCLEIC ACID FRAGMENTS DERIVED FROM THE  
TITLE OF INVENTION: HIV-1 VIRUS GENOME, CORRESPONDING PEPTIDES AND THEIR  
TITLE OF INVENTION: APPLICATIONS AS REAGENTS FOR EVALUATION OF THE RISK OF  
TITLE OF INVENTION: MATERNOPETAL TRANSMISSION OF HIV-1  
NUMBER OF SEQUENCES: 130  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MORGAN, LEWIS & BOCKIUS LLP  
STREET: 1800 M Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20036-5869  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/649,991  
FILING DATE: 17-MAY-1996  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: FR 9505914  
FILING DATE: 18-MAY-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Adler, Reid G.  
REGISTRATION NUMBER: 30,988  
REFERENCE/DOCKET NUMBER: ORES-5003  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-467-7000  
TELEFAX: 202-467-7176  
INFORMATION FOR SEQ ID NO: 33:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLSCULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "probe"  
US-08-649-991-33  
Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1221 GGTGAGGAGACGTACAC 1239  
Db 19 GGTAGAGGAGACCAAAAC 1

RESULT 1006  
US-08-910-408-44  
Sequence 44, Application US/08910408  
Patent No. 5972704  
GENERAL INFORMATION:  
APPLICANT: Kenneth G. Draper  
APPLICANT: Bharat Chowira  
APPLICANT: James McSwiggen  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James D. Thompson  
TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING  
TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS  
NUMBER OF SEQUENCES: 232  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/910,408  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/271,880  
FILING DATE: July 7, 1994  
APPLICATION NUMBER: 08/103,243  
FILING DATE: August 6, 1993  
APPLICATION NUMBER: 07/882,886  
FILING DATE: May 14, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard



REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 206/116  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 44:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-910-408-44

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 68.4%; Pred. No. 6.2e+02;  
Matches 13; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1051 GCCAAGTCATCCCAACAA 1069  
||| : : : : :  
Db 1 GCUAUUCACUCCCAACGA 19

RESULT 1007  
US-08-444-622A-22/c  
; Sequence 22, Application US/08444622A  
; Patent No. 6025166  
; GENERAL INFORMATION:  
; APPLICANT: Leonard G. Presta  
; APPLICANT: David L. Shelton  
; APPLICANT: Roman Urfer  
; TITLE OF INVENTION: HUMAN trk RECEPTORS AND NEUROTROPHIC FACTOR INHIBITORS  
; NUMBER OF SEQUENCES: 41  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genentech, Inc.  
; STREET: 1 DNA Way  
; CITY: South San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94080

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/444,622A  
FILING DATE: 19-May-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/286846  
FILING DATE: 5

ATTORNEY/AGENT INFORMATION:  
NAME: Torchia, PHD., Timothy E.  
REGISTRATION NUMBER: 36,700  
REFERENCE/DOCKET NUMBER: P0873P1C3  
TELEPHONE: 650/225-8674  
TELEFAX: 650/952-9881  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-444-622A-22

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 CTCACCTTGCTTTGAGT 847  
||||| : : : : :  
|||

Db 19 CTCACCTTGCGCTGGCGT 1  
RESULT 1008  
US-08-942-562-22/c  
; Sequence 22, Application US/08942562  
; Patent No. 6027927  
; GENERAL INFORMATION:  
; APPLICANT: Presta, Leonard G.  
; APPLICANT: Shelton, David L.  
; APPLICANT: Urfer, Roman  
; TITLE OF INVENTION: Human trk Receptors and Neurotrophic  
; TITLE OF INVENTION: Factor Inhibitors  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genentech, Inc.  
; STREET: 460 Point San Bruno Blvd  
; CITY: South San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94080

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WinPatIn (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/942,562  
FILING DATE: 01-OCT-1997  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/444,597  
FILING DATE: 19-May-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Torchia, PHD., Timothy E.  
REGISTRATION NUMBER: 36,700  
REFERENCE/DOCKET NUMBER: P0873P1C2  
TELEPHONE: 415/225-8674  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
US-08-942-562-22

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 CTCACCTTGCTTTGAGT 847  
||||| : : : : :  
Db 19 CTCACCTTGCGCTGGCGT 1

RESULT 1009  
US-07-982-759F-131  
; Sequence 131, Application US/07982759F  
; Patent No. 6057123  
; GENERAL INFORMATION:  
; APPLICANT: CRAIG, Stewart  
; APPLICANT: GEORGE, Michael  
; APPLICANT: EDWARDS, Richard Mark  
; APPLICANT: CZAPLEWSKI, Lloyd George  
; APPLICANT: GILBERT, Richard  
; TITLE OF INVENTION: Stem Cell Inhibiting Proteins  
; NUMBER OF SEQUENCES: 178  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: HALE and DORR LLP  
; STREET: 60 State Street

CITY: Boston  
STATE: MA  
ZIP: 02109  
COMPUTER TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/982,759F  
FILING DATE: 08-MAR-1993  
PRIORITY APPLICATION NUMBER: GB 9127319.3  
FILING DATE: 23-DEC-1991  
PRIORITY APPLICATION NUMBER: GB 9221587.0  
FILING DATE: 14-OCT-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: BAKER, HOLLY L.  
REGISTRATION NUMBER: 31,321  
REFERENCE/DOCKET NUMBER: 102378.120  
TELEPHONE: 617-526-6000  
TELEFAX: 617-526-5000  
INFORMATION FOR SEQ ID NO: 131:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..19  
OTHER INFORMATION: /product= "BB9501 oligomer"  
US-07-982-759F-131

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1395 CARGCTGTCAGTTGAG 1413  
Db 1 CARGCGTAGCAGTGTCAG 19

RESULT 1010  
US-08-573-186-5  
Sequence 6, Application US/08573186  
Patent No. 6093540  
GENERAL INFORMATION:  
APPLICANT: van der Bruggen, Pierre; Boon-Falleur,  
APPLICANT: Thiery; Coullie, Pierre; Renaud, Jean-Christophe  
TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES  
TITLE OF INVENTION: CODING FOR BAGE TUMOR REJECTION ANTIGEN PRECURSORS  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Felle & Lynch  
STREET: 805 Third Avenue  
CITY: New York City  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: PC-DOS  
SOFTWARE: Wordperfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/573,186  
FILING DATE: 15-DEC-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/079,110  
FILING DATE: 17-JUN-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Haison, No. 6093540man D.  
REGISTRATION NUMBER: 30,946  
REFERENCE/DOCKET NUMBER: LUD 5310  
TELEPHONE: (212) 688-9200  
TELEFAX: (212) 838-3884  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-573-186-6

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 841 TTGAGTACTGACAGG 859  
Db 1 TTAGAGCACCGAGGAGG 19

RESULT 1011  
US-09-156-923-22/C  
Sequence 22, Application US/09156923  
Patent No. 6153189  
GENERAL INFORMATION:  
APPLICANT: Presta, Leonard G.  
APPLICANT: Shelton, David L.  
APPLICANT: Urfer, Roman  
TITLE OF INVENTION: Human trk Receptors and Neurotrophic Factor Inhibitors  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson & Bear  
STREET: 620 Newport Center Drive 16th Floor  
CITY: Newport Beach  
STATE: California  
COUNTRY: USA  
ZIP: 92660

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Winpatin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/156,923  
FILING DATE: 18-SEP-1998  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/359,705  
FILING DATE: 20-DEC-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/286846  
FILING DATE: 10-AUG-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/215139  
FILING DATE: 18-MAR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Dreger, Ginger  
REGISTRATION NUMBER: 33,055  
REFERENCE/DOCKET NUMBER: GENENT.33CP2C1  
TELEPHONE: 949/760-0404  
TELEFAX: 949/760-9502  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: Nucleic Acid  
STRANDEDNESS: Single

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; TOPOLOGY: Linear
US-09-156-923-22

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 CTCACCCCTGTCTTTCAGT 847
Db |||||
19 CTCACCCCTGTGGCTGCGT 1

RESULT 1012
US-09-249-215-44
; Sequence 44, Application US/09249215
; Patent No. 615962
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; Bharat Chowrira
; James McSwiggen
; Dan T. Stinchcomb
; James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; HUMAN IMMUNODEFICIENCY VIRUS
; REPLICATION
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FASTSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/249,215
; FILING DATE: 12-Feb-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/910,408
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
; APPLICATION NUMBER: 07/882,886
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 206/116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 44:
US-09-249-215-44

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 6.2e+02;
Matches 13; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 1051 GCCAAGTCATCCCAACAA 1069
||| :|| :|||||
```

```
Db 1 GCUAUAUACUCCCAACGA 19

RESULT 1013
US-09-553-794-2/c
; Sequence 2, Application US/09553794
; Patent No. 617612
; GENERAL INFORMATION:
; APPLICANT: Jordan, Mark C.
; APPLICANT: Rampitsch, Christof
; APPLICANT: Cloutier, Marie S. J.
; TITLE OF INVENTION: Matrix Attachment Regions
; FILE REFERENCE: 28002US1
; CURRENT APPLICATION NUMBER: US/09/553,794
; CURRENT FILING DATE: 2000-04-21
; EARLIER APPLICATION NUMBER: US 09/127,110
; EARLIER FILING DATE: 1998-07-31
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Triticum aestivum
; US-09-553-794-2

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1005 CAACGAGGGGAGAGCTC 1023
Db |||||
19 CAATTGGATGGGAGAGCTC 1

RESULT 1014
US-09-355-434-14/c
; Sequence 14, Application US/09355434
; Patent No. 6232105
; GENERAL INFORMATION:
; APPLICANT: Eimerhand, Markus P.W.
; APPLICANT: Valerio, Domenico
; TITLE OF INVENTION: A Conditional Replication and Expression System
; FILE REFERENCE: 2183-4129US
; CURRENT APPLICATION NUMBER: US/09/355,434
; CURRENT FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/NL 98/00061
; PRIOR FILING DATE: 1998-01-29
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Anti-strand
; OTHER INFORMATION: oligo
US-09-355-434-14

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 108 GCCCCCGCCGATCGCCATG 126
Db |||||
19 GCGGCCGCGAGATCTCCATG 1

RESULT 1015
US-07-974-409C-288
; Sequence 288, Application US/07974409C
; Patent No. 6300058
; GENERAL INFORMATION:
; APPLICANT: Akitaya, Tateuo
```

APPLICANT: Mitsuhashi, Masato  
APPLICANT: Cooper, Allan  
TITLE OF INVENTION: METHOD AND REAGENT  
TITLE OF INVENTION: FOR MEASURING MESSENGER RNA  
NUMBER OF SEQUENCES: 457  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Knobbe, Martens, Olson, and Bear  
STREET: 620 Newport Center Dr. Sixteenth Floor  
CITY: Newport Beach  
STATE: CA  
COUNTRY: USA  
ZIP: 92660  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/974,409C  
FILING DATE: 12-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Altman, Daniel E.  
REGISTRATION NUMBER: 34,115  
REFERENCE/DOCKET NUMBER: HITACHI.006CP2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 714-760-0404  
TELEFAX: 714-760-9502  
INFORMATION FOR SEQ ID NO: 288:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-07-974-409C-288

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 458 AGGACATCAACAGCGCT 476  
Db 1 AGGACATCAACAGCACT 19

RESULT 1016  
US-09-546-990-4/c  
Sequence 4, Application US/09546990  
Patent No. 6346397  
GENERAL INFORMATION:  
APPLICANT: Wilding, Edwin Imogen  
APPLICANT: Gwynn, Michael T.  
APPLICANT: Vasey, Sandra Y.  
APPLICANT: Warren, Richard L.  
TITLE OF INVENTION: gyza  
FILE REFERENCE: GM10138  
CURRENT APPLICATION NUMBER: US/09/546,990  
CURRENT FILING DATE: 2000-04-11  
PRIOR APPLICATION NUMBER: US 60/128,991  
PRIOR FILING DATE: 1999-04-12  
NUMBER OF SEQ ID NOS: 4  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 4  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Streptococcus pneumoniae  
US-09-546-990-4

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;

Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;  
Qy 1011 GAGGCGAGCTCAAGCTG 1029  
Db 19 GATGCGAAGCTCAAGCTG 1  
RESULT 1017  
US-09-545-435-2  
Sequence 2, Application US/09545435  
Patent No. 6416999  
GENERAL INFORMATION:  
APPLICANT: Li, Rong-hao  
APPLICANT: Mather, Jennie P.  
TITLE OF INVENTION: HUMAN MULLERIAN DUCT-DERIVED EPITHELIAL  
TITLE OF INVENTION: CELLS AND METHODS OF ISOLATION AND USES THEREOF  
FILE REFERENCE: 415072000800  
CURRENT APPLICATION NUMBER: US/09/545,435  
CURRENT FILING DATE: 2000-04-07  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 19  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Synthetic construct  
US-09-545-435-2

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 506 AGGCTACTCTGGAGAGCT 524  
Db 1 AGAGGTACTCTGGAGAGCT 19

RESULT 1018  
US-09-614-034-135/c  
Sequence 135, Application US/09614034  
Patent No. 6489307  
GENERAL INFORMATION:  
APPLICANT: PHILLIPS, M. IAN  
APPLICANT: ZHANG, YUAN  
TITLE OF INVENTION: ANTISENSE COMPOSITIONS TARGETED TO BETA1-ADRENOCEPTOR-SPECIFIC  
TITLE OF INVENTION: METHODS OF USE  
FILE REFERENCE: 4300.013900  
CURRENT APPLICATION NUMBER: US/09/614,034  
CURRENT FILING DATE: 2000-07-11  
PRIOR APPLICATION NUMBER: 09/152,717  
PRIOR FILING DATE: 1998-09-14  
PRIOR APPLICATION NUMBER: PCT/US99/21007  
PRIOR FILING DATE: 1999-09-14  
NUMBER OF SEQ ID NOS: 204  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 135  
LENGTH: 19  
TYPE: DNA  
ORGANISM: UNKNOWN  
FEATURE:  
OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE  
US-09-614-034-135

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 109 CCCCAGCGATCGCATGG 127  
Db 19 CCTCCGAGCTCGCATGG 1

```
RESULT 1019
US-09-649-747A-75/c
; Sequence 75, Application US/09649747A
; Patent No. 6521435
; GENERAL INFORMATION:
; APPLICANT: Okubara, Patricia A.
; APPLICANT: Blechl, Ann E.
; APPLICANT: Hohn, Thomas M.
; APPLICANT: Berka, Randy M.
; TITLE OF INVENTION: Nucleic Acid Sequences Encoding Cell Wall-Degrading
; TITLE OF INVENTION: Enzymes and Use to Engineer Resistance to Fusarium and
; TITLE OF INVENTION: Other Pathogens
; FILE REFERENCE: 0079,99R
; CURRENT APPLICATION NUMBER: US/09/649,747A
; CURRENT FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: 60/151,582
; PRIOR FILING DATE: 1999-08-30
; PRIOR APPLICATION NUMBER: 60/224,946
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 75
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: RT-PCR Primer
US-09-649-747A-75

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1477 CGGATCCACAACTTCTCTG 1495
Db 19 CGGTGCGACAACTTCCAG 1

RESULT 1020
US-09-422-978-4414
; Sequence 4414, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4414
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-14883 for SEQ 480,
US-09-422-978-4414

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1526 TTCAGTACAAAGGAGGC 1544
Db 19 CCGTCCAGTCAATGAG 19

RESULT 1021
US-09-422-978-5162
; Sequence 5162, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5162
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-2214 for SEQ 1228,
US-09-422-978-5162

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1142 CCATTCAGATTCATCTG 1160
Db 1 CCATTCAGATTCATGAG 19

RESULT 1022
US-09-422-978-5182
; Sequence 5182, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5182
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-22266 for SEQ 1248,
US-09-422-978-5182

Query Match      0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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Query Match	Score	DB	Length	Indels	Mismatches	Gaps
Query Match	0.7%	Score 12.6;	DB 1;	Length 19;		
Best Local Similarity	78.9%;	Pred. No. 6.2e+02;				
Matches	15;	Conservative	0;	Mismatches	4;	Indels
QY	1570	GACTCAGGAGGCGGAGTT	1589			
Db	19	GACTCAGGAGGCGGAGTT	1			
RESULT 1024						
US-09-422-978-6717/c						
Sequence 6717, Application US/09422978						
Patent No. 6537751						
GENERAL INFORMATION:						
APPLICANT: Cohen, Daniel						
APPLICANT: Blumenfeld, Marta						
APPLICANT: Chumakov, Ilya						
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...						
FILE REFERENCE: GENSET.020CPI						
CURRENT APPLICATION NUMBER: US 09/422,978						
EARLIER FILING DATE: 1999-10-20						
EARLIER FILING DATE: 1999-04-21						
EARLIER FILING DATE: 1999-04-21						
EARLIER FILING DATE: 1998-11-23						
EARLIER FILING DATE: 1998-04-21						
NUMBER OF SEQ ID NOS: 11796						
SEQ ID NO 6575						
LENGTH: 19						
TYPE: DNA						
ORGANISM: Homo Sapiens						
NAME/KEY: primer_bind						
LOCATION: 1..19						
OTHER INFORMATION: upstream amplification primer 99-12468 for SEQ 2641,						
US-09-422-978-6575						
Query Match	0.7%	Score 12.6;	DB 1;	Length 19;		
Best Local Similarity	78.9%;	Pred. No. 6.2e+02;				
Matches	15;	Conservative	0;	Mismatches	4;	Indels
QY	1570	GACTCAGGAGGCGGAGTT	1589			
Db	19	GACTCAGGAGGCGGAGTT	1			
RESULT 1024						
US-09-422-978-6717/c						
Sequence 6717, Application US/09422978						
Patent No. 6537751						
GENERAL INFORMATION:						
APPLICANT: Cohen, Daniel						
APPLICANT: Blumenfeld, Marta						
APPLICANT: Chumakov, Ilya						
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...						
FILE REFERENCE: GENSET.020CPI						
CURRENT APPLICATION NUMBER: US 09/422,978						
EARLIER FILING DATE: 1999-10-20						
EARLIER FILING DATE: 1999-04-21						
EARLIER FILING DATE: 1999-04-21						
EARLIER FILING DATE: 1998-11-23						
EARLIER FILING DATE: 1998-04-21						
NUMBER OF SEQ ID NOS: 11796						
SEQ ID NO 6717						
LENGTH: 19						
TYPE: DNA						
ORGANISM: Homo Sapiens						
NAME/KEY: primer_bind						
LOCATION: 1..19						
OTHER INFORMATION: upstream amplification primer 99-18581 for SEQ 2783,						
US-09-422-978-6717						

QY	1074	ATAATCCCAATGAGTGGTG	1092	Score 12.6; DB 1; Length 19;	Best Local Similarity 78.9%; Pred. No. 6.2e+02;	Mismatches 4; Indels 0; Gaps 0;
Db	1	ATAATGCAATGATGGAG	19	Score 12.6; DB 1; Length 19;	Best Local Similarity 78.9%; Pred. No. 6.2e+02;	Mismatches 4; Indels 0; Gaps 0;
<p>RESULT 1023</p> <p>US-09-422-978-6575/c</p> <p>; Sequence 6575, Application US/09422978</p> <p>; Patent No. 6537751</p> <p>GENERAL INFORMATION:</p> <p>; APPLICANT: Cohen, Daniel</p> <p>; APPLICANT: Blumenfeld, Marta</p> <p>; APPLICANT: Chumakov, Ilya</p> <p>; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...</p> <p>; FILE REFERENCE: GENSET.020CPI</p> <p>; CURRENT APPLICATION NUMBER: US 09/422,978</p> <p>; EARLIER FILING DATE: 1999-10-20</p> <p>; EARLIER APPLICATION NUMBER: US 09/298,850</p> <p>; EARLIER FILING DATE: 1999-04-21</p> <p>; EARLIER APPLICATION NUMBER: US 60/109,732</p> <p>; EARLIER FILING DATE: 1998-11-23</p> <p>; EARLIER APPLICATION NUMBER: US 60/082,614</p> <p>; EARLIER FILING DATE: 1998-04-21</p> <p>; NUMBER OF SEQ ID NOS: 11796</p> <p>; SEQ ID NO 6575</p> <p>; TYPE: DNA</p> <p>; ORGANISM: Homo Sapiens</p> <p>; NAME/KEY: primer_bind</p> <p>; LOCATION: 1..19</p> <p>OTHER INFORMATION: upstream amplification primer 99-12468 for SEQ 2641,</p> <p>US-09-422-978-6575</p>						
QY	1570	GACTCAGGAGGCGGAGTT	1589	Score 12.6; DB 1; Length 19;	Best Local Similarity 78.9%; Pred. No. 6.2e+02;	Mismatches 4; Indels 0; Gaps 0;
Db	1	GACTCAGGAGGCGGAGTT	1	Score 12.6; DB 1; Length 19;	Best Local Similarity 78.9%; Pred. No. 6.2e+02;	Mismatches 4; Indels 0; Gaps 0;
<p>RESULT 1024</p> <p>US-09-422-978-6717/c</p> <p>; Sequence 6717, Application US/09422978</p> <p>; Patent No. 6537751</p> <p>GENERAL INFORMATION:</p> <p>; APPLICANT: Cohen, Daniel</p> <p>; APPLICANT: Blumenfeld, Marta</p> <p>; APPLICANT: Chumakov, Ilya</p> <p>; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...</p> <p>; FILE REFERENCE: GENSET.020CPI</p> <p>; CURRENT APPLICATION NUMBER: US 09/422,978</p> <p>; EARLIER FILING DATE: 1999-10-20</p> <p>; EARLIER APPLICATION NUMBER: US 09/298,850</p> <p>; EARLIER FILING DATE: 1999-04-21</p> <p>; EARLIER APPLICATION NUMBER: US 60/109,732</p> <p>; EARLIER FILING DATE: 1998-11-23</p> <p>; EARLIER APPLICATION NUMBER: US 60/082,614</p> <p>; EARLIER FILING DATE: 1998-04-21</p> <p>; NUMBER OF SEQ ID NOS: 11796</p> <p>; SEQ ID NO 6717</p> <p>; LENGTH: 19</p> <p>; TYPE: DNA</p> <p>; ORGANISM: Homo Sapiens</p> <p>; NAME/KEY: primer_bind</p> <p>; LOCATION: 1..19</p> <p>OTHER INFORMATION: upstream amplification primer 99-18581 for SEQ 2783,</p> <p>US-09-422-978-6717</p>						

QY	1074	ATAATCCCAATGAGTGGTG	1092	Score 12.6; DB 1; Length 19;	Best Local Similarity 78.9%; Pred. No. 6.2e+02;	Mismatches 4; Indels 0; Gaps 0;
Db	1	ATAATGCAATGATGGAG	19	Score 12.6; DB 1; Length 19;	Best Local Similarity 78.9%; Pred. No. 6.2e+02;	Mismatches 4; Indels 0; Gaps 0;
<p>RESULT 1023</p> <p>US-09-422-978-6575/c</p> <p>; Sequence 6575, Application US/09422978</p> <p>; Patent No. 6537751</p> <p>GENERAL INFORMATION:</p> <p>; APPLICANT: Cohen, Daniel</p> <p>; APPLICANT: Blumenfeld, Marta</p> <p>; APPLICANT: Chumakov, Ilya</p> <p>; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...</p> <p>; FILE REFERENCE: GENSET.020CPI</p> <p>; CURRENT APPLICATION NUMBER: US 09/422,978</p> <p>; EARLIER FILING DATE: 1999-10-20</p> <p>; EARLIER APPLICATION NUMBER: US 09/298,850</p> <p>; EARLIER FILING DATE: 1999-04-21</p> <p>; EARLIER APPLICATION NUMBER: US 60/109,732</p> <p>; EARLIER FILING DATE: 1998-11-23</p> <p>; EARLIER APPLICATION NUMBER: US 60/082,614</p> <p>; EARLIER FILING DATE: 1998-04-21</p> <p>; NUMBER OF SEQ ID NOS: 11796</p> <p>; SEQ ID NO 6575</p> <p>; TYPE: DNA</p> <p>; ORGANISM: Homo Sapiens</p> <p>; NAME/KEY: primer_bind</p> <p>; LOCATION: 1..19</p> <p>OTHER INFORMATION: upstream amplification primer 99-12468 for SEQ 2641,</p> <p>US-09-422-978-6575</p>						
QY	1570	GACTCAGCAGCCAGCTT	1589	Score 12.6; DB 1; Length 19;	Best Local Similarity 78.9%; Pred. No. 6.2e+02;	Mismatches 4; Indels 0; Gaps 0;
Db	1	GACTCAGCAGCCAGGATT	1	Score 12.6; DB 1; Length 19;	Best Local Similarity 78.9%; Pred. No. 6.2e+02;	Mismatches 4; Indels 0; Gaps 0;
<p>RESULT 1024</p> <p>US-09-422-978-6717/c</p> <p>; Sequence 6717, Application US/09422978</p> <p>; Patent No. 6537751</p> <p>GENERAL INFORMATION:</p> <p>; APPLICANT: Cohen, Daniel</p> <p>; APPLICANT: Blumenfeld, Marta</p> <p>; APPLICANT: Chumakov, Ilya</p> <p>; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...</p> <p>; FILE REFERENCE: GENSET.020CPI</p> <p>; CURRENT APPLICATION NUMBER: US 09/422,978</p> <p>; EARLIER FILING DATE: 1999-10-20</p> <p>; EARLIER APPLICATION NUMBER: US 09/298,850</p> <p>; EARLIER FILING DATE: 1999-04-21</p> <p>; EARLIER APPLICATION NUMBER: US 60/109,732</p> <p>; EARLIER FILING DATE: 1998-11-23</p> <p>; EARLIER APPLICATION NUMBER: US 60/082,614</p> <p>; EARLIER FILING DATE: 1998-04-21</p> <p>; NUMBER OF SEQ ID NOS: 11796</p> <p>; SEQ ID NO 6717</p> <p>; LENGTH: 19</p> <p>; TYPE: DNA</p> <p>; ORGANISM: Homo Sapiens</p> <p>; NAME/KEY: primer_bind</p> <p>; LOCATION: 1..19</p> <p>OTHER INFORMATION: upstream amplification primer 99-18581 for SEQ 2783,</p> <p>US-09-422-978-6717</p>						

```
; OTHER INFORMATION: upstream amplification primer 99-8274 for SEQ 3639,
US-09-422-978-7573

Query Match
Best Local Similarity 0.7%; Score 12.6; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1513 GCCTAAAGGAGATTTCAGC 1531
Db 1 GGAATAGAGTAGATTTCAGC 19

RESULT 1027
US-09-422-978-11512
; Sequence 11512, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11512
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-882 for SEQ 3647, in complement
US-09-422-978-11512

Query Match
Best Local Similarity 0.7%; Score 12.6; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 224 ATGAGATGCTGTGGTGG 242
Db 1 ATGATAGTTTGATGTTGG 19

RESULT 1028
US-09-060-299-387
; Sequence 387, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
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; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 387:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-299-387

Query Match
Best Local Similarity 0.7%; Score 12.6; DB 1; Length 19;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 775 CTCAAAACGCGCAACATCG 793
Db 1 CTGGAAGATGCCACATCG 19

RESULT 1029
US-09-060-299-401
; Sequence 401, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
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Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 775 CTCACACGCCACATCG 793  
Db 1 CTGAGATGCCACATCG 19

## RESULT 1032

US-10-112-547-17/c  
; Sequence 17, Application US/10112547  
; Patent No. 6579674

## GENERAL INFORMATION:

APPLICANT: Miles, Vincent J.  
Mathews, Michael B.  
Katze, Michael G.  
Witherell, Gary  
Watson, Julia C.

TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION  
OF VIRAL REPLICATION

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036/2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/112,547  
FILING DATE: 28-Mar-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/221,816B  
FILING DATE: 01-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7960-030

TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-8864

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 17:

US-10-112-547-17

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 543 CTTTGACAGCCCTCAGC 561  
Db 19 CTTTGATGAGCTCTTCAGC 1

## RESULT 1033

US-10-112-241-17/c

; Sequence 17, Application US/10112241

; Patent No. 6623961

## GENERAL INFORMATION:

APPLICANT: Miles, Vincent J.  
Mathews, Michael B.  
Katze, Michael G.  
Witherell, Gary  
Watson, Julia C.

TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION  
OF VIRAL REPLICATION

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036/2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/112,241  
FILING DATE: 28-Mar-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/221,816B  
FILING DATE: 01-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Coruzzi, Laura A

REGISTRATION NUMBER: 30,742

REFERENCE/DOCKET NUMBER: 7960-030

TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-8864

INFORMATION FOR SEQ ID NO: 17:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 17:

US-10-112-241-17

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 543 CTTTGACAGCCCTCAGC 561  
Db 19 CTTTGATGAGCTCTTCAGC 1

## RESULT 1034

US-10-104-611-17/c

; Sequence 17, Application US/10104611

; Patent No. 6667152

## GENERAL INFORMATION:

APPLICANT: Miles, Vincent J.  
Mathews, Michael B.  
Katze, Michael G.  
Witherell, Gary  
Watson, Julia C.

TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION  
OF VIRAL REPLICATION

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York

COUNTRY: USA  
ZIP: 10036/2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/104,611  
FILING DATE: 22-Mar-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/221,816B  
FILING DATE: 01-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7960-030  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
US-10-104-611-17

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 543 CTTTGACAGCCCTCAGC 561  
DB 19 CTTTGATGAGCTCTTCAGC 1

RESULT 1035  
US-09-672-717-17  
; Sequence 17, Application US/09672717  
; Patent No. 6673917  
; GENERAL INFORMATION:  
; APPLICANT: Korneluk, Robert G.  
; APPLICANT: Lacasse, Eric  
; APPLICANT: Baird, Stephen  
; APPLICANT: Holcik, Martin  
; APPLICANT: Young, Sean  
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses  
; FILE REFERENCE: 07891/025001  
; CURRENT APPLICATION NUMBER: US/09/672,717  
; CURRENT FILING DATE: 2000-09-28  
; NUMBER OF SEQ ID NOS: 231  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 17  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: based on Homo sapiens  
US-09-672-717-17

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 449 TCTCCACTGAGACATCAA 467  
DB 1 TATCCACTTATGACATAAA 19

RESULT 1036  
US-09-672-717-38/c  
; Sequence 38, Application US/09672717  
; Patent No. 6673917  
; GENERAL INFORMATION:  
; APPLICANT: Korneluk, Robert G.  
; APPLICANT: Lacasse, Eric  
; APPLICANT: Baird, Stephen  
; APPLICANT: Holcik, Martin  
; APPLICANT: Young, Sean  
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses  
; FILE REFERENCE: 07891/025001  
; CURRENT APPLICATION NUMBER: US/09/672,717  
; CURRENT FILING DATE: 2000-09-28  
; NUMBER OF SEQ ID NOS: 231  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 38  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: based on Homo sapiens  
US-09-672-717-38

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1569 TGACTCAGGCGCCAGCT 1587  
DB 19 TGCCTTAGACAGCCCATCT 1

RESULT 1037  
US-09-672-717-118  
; Sequence 118, Application US/09672717  
; Patent No. 6673917  
; GENERAL INFORMATION:  
; APPLICANT: Korneluk, Robert G.  
; APPLICANT: Lacasse, Eric  
; APPLICANT: Baird, Stephen  
; APPLICANT: Holcik, Martin  
; APPLICANT: Young, Sean  
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses  
; FILE REFERENCE: 07891/025001  
; CURRENT APPLICATION NUMBER: US/09/672,717  
; CURRENT FILING DATE: 2000-09-28  
; NUMBER OF SEQ ID NOS: 231  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 118  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: based on Homo sapiens  
US-09-672-717-118

Query Match 0.7%; Score 12.6; DB 1; Length 19;  
Best Local Similarity 78.9%; Pred. No. 6.2e+02;  
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1620 AGACCGAGCCCGCAGG 1638  
DB 1 AGACAGGAACCCGAGG 19

RESULT 1038  
US-09-672-717-214/c  
; Sequence 214, Application US/09672717

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; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holgik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 214
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-09-672-717-214

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 560 GCGCGCGCTCCGTCGTGT 578
Db 19 GCTCCGACTCCGTCCTCT 1

RESULT 1039
US-09-818-780-80/c
; Sequence 80, Application US/09818780
; Patent No. 6677146
; GENERAL INFORMATION:
; APPLICANT: McHenry, Charles
; TITLE OF INVENTION: NOVEL THERMOPHILIC POLYMERASE III HOLOENZYME
; FILE REFERENCE: 1794.0030004
; CURRENT APPLICATION NUMBER: US/09/818,780
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 60/192,736
; PRIOR FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 80
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: reverse/antisense ATG primer #P133-A1237
US-09-818-780-80

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 19 TGCACAGGAATCGAGGTT 37
Db 19 TGGACTGGAAGCGCGGGT 1

RESULT 1040
PCT-US93-00977-288
; Sequence 288, Application PC/TUS9300977
; GENERAL INFORMATION:
; TITLE OF INVENTION: METHOD AND REAGENT FOR MEASURING MESSENGER RNA
; NUMBER OF SEQUENCES: 711
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson, and Bear
; STREET: 620 Newport Center Dr. Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
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; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00977
; FILING DATE: 19930129
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel S.
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: HITACHI.006H
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 288:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PCT-US93-00977-288

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 458 AGGACATCAACAAGCGCT 476
Db 1 AGGACATCAAAAACACCT 19

RESULT 1041
PCT-US93-04863-24/c
; Sequence 24, Application PC/TUS9304863
; GENERAL INFORMATION:
; APPLICANT: Ronald L. Marshall
; APPLICANT: John J. Carrino
; APPLICANT: Joann C. Sustacheck
; APPLICANT: ABBOTT LABORATORIES
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; TITLE OF INVENTION: USING THE LIGASE CHAIN REACTION
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: One Abbott Park Road
; CITY: Abbott Park
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/04863
; FILING DATE: 19930524
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/891,543
; FILING DATE: 29 MAY 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Thomas D. Brainard
; REGISTRATION NUMBER: 32,459
; REFERENCE/DOCKET NUMBER: 5172.PC.01
; TELECOMMUNICATION INFORMATION:
```

```
; TELEPHONE: 708-937-4884
; TELEFAX: 708-938-2623
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid (synthetic DNA)
; PCT-US93-04863-24

Query Match          0.7%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 182 GCATAGACAGACCAATGG 200
Db 19 GCAGGGGCAAGGCCAATGG 1

RESULT 1042
US-09-679-299A-53/c
; Sequence 53, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-53

Query Match          0.7%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 509 GCTACCTGGAGAGCTGAC 527
Db 20 GCTGCTGCTGGAGCTGAC 2

RESULT 1043
US-08-232-081B-10/c
; Sequence 10, Application US/08232081B
; Patent No. 5866152
; GENERAL INFORMATION:
; APPLICANT: NAKATANI, TOMOYUKI
; APPLICANT: GOMI, HIDEYUKI
; APPLICANT: WIJDENES, JOHN
; APPLICANT: NOGUCHI, HIROSHI
; TITLE OF INVENTION: HUMANIZED B-B10
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
; STREET: PO BOX 747
; CITY: FALLS CHURCH
; STATE: VA
; COUNTRY: USA
; ZIP: 22040-0747
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
```

```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,081B
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: SVENSSON, LEONARD R
; REGISTRATION NUMBER: 30,330
; REFERENCE/DOCKET NUMBER: 20-3484
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 205-8000
; TELEFAX: (703) 205-8050
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-232-081B-10

Query Match          0.7%; Score 12.6; DB 1; Length 22;
Best Local Similarity 78.9%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1394 CCAAGCTGTTCAGTTGA 1412
Db 22 CCTGACTGCTGAGTTGA 4

RESULT 1044
US-09-647-344A-3/c
; Sequence 3, Application US/09647344A
; Patent No. 6586180
; GENERAL INFORMATION:
; APPLICANT: Rufiner, Duane E.
; APPLICANT: Pierce, Michael L.
; APPLICANT: Chen, Zhidong
; TITLE OF INVENTION: Directed Antisense Libraries
; FILE REFERENCE: T6678.PCT US
; CURRENT APPLICATION NUMBER: US/09/647,344A
; CURRENT FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: PCT/US99/06742
; PRIOR FILING DATE: 1999-03-28
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 3
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion ]
US-09-647-344A-3

Query Match          0.7%; Score 12.6; DB 1; Length 23;
Best Local Similarity 78.9%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTGACTTT 1038
Db 23 GCTGAAGCTTGGTGAAGTGT 5

RESULT 1045
US-08-985-162-1803
; Sequence 1803, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
```

```
/ NUMBER OF SEQUENCES: 1877
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq for Windows 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/985,162
/ FILING DATE: 04 December 1997
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/036,476
/ FILING DATE: 31 January 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 230/107
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1803:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 14 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ ORGANISM: Artificial Sequence

US-08-985-162-1803

Query Match 0.7%; Score 12.4; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1565 TGCGTACTCAGGC 1578
Db 1 UGCCUGCCUCAGGC 14

RESULT 1046
US-09-230-652-38/c
/ Sequence 38, Application US/09230652A
/ Patent No. 6537775
/ GENERAL INFORMATION:
/ APPLICANT: Tournier-Lasserre, Elisabeth
/ APPLICANT: Joutel, Anne
/ APPLICANT: Bousser, Marie-Germaine
/ APPLICANT: Bach, Jean-Francois
/ TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
/ TITLE OF INVENTION: THERAPEUTIC APPLICATION
/ FILE REFERENCE: 03715 0048-00000
/ CURRENT APPLICATION NUMBER: US/09/230,652A
/ CURRENT FILING DATE: 1999-03-17
/ EARLIER APPLICATION NUMBER: FR 96 09733
/ EARLIER FILING DATE: 1996-08-01
/ EARLIER APPLICATION NUMBER: FR 97 04680
/ EARLIER FILING DATE: 1997-04-16
/ EARLIER APPLICATION NUMBER: PCT/FR97/01433
/ EARLIER FILING DATE: 1997-07-31
/ NUMBER OF SEQ ID NOS: 163
/ SOFTWARE: Patent in Ver. 2.1
/ SEQ ID NO 38
/ LENGTH: 14
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
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```
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-38

Query Match 0.7%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 4.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1639 CAGCGGCTGGAGGG 1652
Db 14 CAGCGTCTGGAGGG 1

RESULT 1047
US-09-401-063-1803
/ Sequence 1803, Application US/09401063
/ Patent No. 6623962
/ GENERAL INFORMATION:
/ APPLICANT: Akhtar, Saghir
/ APPLICANT: Fell, Patricia
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT
/ TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
/ TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
/ TITLE OF INVENTION: FACTOR RECEPTORS
/ NUMBER OF SEQUENCES: 1877
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq for Windows 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/401,063
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/985,162
/ FILING DATE: 04 December 1997
/ APPLICATION NUMBER: 60/036,476
/ FILING DATE: 31 January 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 230/107
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1803:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 14 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ ORGANISM: Artificial Sequence

US-09-401-063-1803

Query Match 0.7%; Score 12.4; DB 1; Length 14;
Best Local Similarity 71.4%; Pred. No. 4.1e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1565 TGCGTACTCAGGC 1578
Db 1 UGCCUGCCUCAGGC 14
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RESULT 1049
US-08-221-816B-22/c
; Sequence 22, Application US/08221816B
; Patent No. 5738985
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; APPLICANT: Mathews, Michael B.
; APPLICANT: Katze, Michael G.
; APPLICANT: Witherell, Gary
; APPLICANT: Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; TITLE OF INVENTION: OF VIRAL REPLICATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,816B
; FILING DATE: 01-APR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7960-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-221-816B-22

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 4.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1120 CTGCTTGGGTCCAC 1133
Db 14 CAGCTTGGGTCCAC 1

RESULT 1049
US-08-590-897A-32
; Sequence 32, Application US/08590897A
; Patent No. 6031071
; GENERAL INFORMATION:
; APPLICANT: Mandeville, Rosemonde
; APPLICANT: Popkov, Mikhail
; TITLE OF INVENTION: METHODS OF GENERATING NOVEL PEPTIDES
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MATHEWS, COLLINS, SHEPHERD & GOULD P.A.
; STREET: 100 Tranet Circle, Suite 306
; CITY: Princeton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08540-3662
; COMPUTER READABLE FORM:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/590,897A
FILING DATE: 24-JAN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Bernstein, Scott N.
REGISTRATION NUMBER: 38,827
REFERENCE/DOCKET NUMBER: 3987-102US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-924-8555
TELEFAX: 609-924-3036
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-590-897A-32

Query Match 0.7%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 4.7e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1621 GACCGAGGCCCCAG 1634
Db 2 GGCCGAGGCCCCAG 15

RESULT 1050
US-10-112-547-22/c
; Sequence 22, Application US/10112547
; Patent No. 6579674
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; APPLICANT: Mathews, Michael B.
; APPLICANT: Katze, Michael G.
; APPLICANT: Witherell, Gary
; APPLICANT: Watson, Julia C.
; TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
; OF VIRAL REPLICATION
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10036/2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/112,547
; FILING DATE: 28-Mar-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,816B
; FILING DATE: 01-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7960-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
```

INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 22:  
US-10-112-547-22

Query Match 0.7%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1120 CTGCTTGGGTCCAC 1133  
DB 14 CAGCTTGGGTCCAC 1

RESULT 1051  
US-10-112-241-22/c  
Sequence 22, Application US/10112241  
Patent No. 6623961  
GENERAL INFORMATION:  
APPLICANT: Miles, Vincent J.  
Mathews, Michael B.  
Katze, Michael G.  
Witherell, Gary  
Watson, Julia C.  
TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION  
OF VIRAL REPLICATION  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036/2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/112,241  
FILING DATE: 28-Mar-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/221,816B  
FILING DATE: 01-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7960-030  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 22:  
US-10-112-241-22

Query Match 0.7%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1120 CTGCTTGGGTCCAC 1133  
DB 14 CAGCTTGGGTCCAC 1

RESULT 1052  
US-10-104-611-22/c  
Sequence 22, Application US/10104611  
Patent No. 6667152  
GENERAL INFORMATION:  
APPLICANT: Miles, Vincent J.  
Mathews, Michael B.  
Katze, Michael G.  
Witherell, Gary  
Watson, Julia C.  
TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION  
OF VIRAL REPLICATION  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036/2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/104,611  
FILING DATE: 22-Mar-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/221,816B  
FILING DATE: 01-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7960-030  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA  
SEQUENCE DESCRIPTION: SEQ ID NO: 22:  
US-10-104-611-22

Query Match 0.7%; Score 12.4; DB 1; Length 15;  
Best Local Similarity 92.9%; Pred. No. 4.7e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1120 CTGCTTGGGTCCAC 1133  
DB 14 CAGCTTGGGTCCAC 1

RESULT 1053  
US-08-281-106-43  
Sequence 43, Application US/08281106  
Patent No. 5646262  
GENERAL INFORMATION:  
APPLICANT: KORBA, Brent E.  
APPLICANT: GERIN, John L.  
TITLE OF INVENTION: Antisense Oligonucleotides Against  
Hepatitis B Viral Replication

NUMBER OF SEQUENCES: 56  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W.  
CITY: Washington, D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA: US/08/281,106  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 66683/112/GEUN  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202 672 5300  
TELEFAX: 202 672 5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: YES  
US-08-281-106-43

Query Match 0.7%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 5.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 458 AGGACATCAACAAG 471  
Db 2 AGGACATGACAAG 15

RESULT 1054  
US-09-199-269-43  
Sequence 43, Application US/09199269  
Patent No. 6503533  
GENERAL INFORMATION:  
APPLICANT: KORBA, Brent E.  
TITLE OF INVENTION: Antisense Oligonucleotides Against  
NUMBER OF SEQUENCES: 56  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W.  
CITY: Washington, D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/199,269  
FILING DATE: 25-No. 6503533-1998  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/281,106  
FILING DATE: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768

REFERENCE/DOCKET NUMBER: 66683/112/GEUN  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202 672 5300  
TELEFAX: 202 672 5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 43:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
ANTI-SENSE: YES  
SEQUENCE DESCRIPTION: SEQ ID NO: 43:  
US-09-199-269-43

Query Match 0.7%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 92.9%; Pred. No. 5.2e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 458 AGGACATCAACAAG 471  
Db 2 AGGACATGACAAG 15

RESULT 1055  
US-09-371-772B-5851  
Sequence 5851, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pam  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Racobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: MEH900,876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5851  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-5851

Query Match 0.7%; Score 12.4; DB 1; Length 16;  
Best Local Similarity 64.3%; Pred. No. 5.2e+02;  
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 1036 TTGGCTGGCCCG 1049  
Db 2 UUUGGCCUUGCCCG 15

RESULT 1056  
US-08-196-218-27  
Sequence 27, Application US/08196218  
Patent No. 5614619  
GENERAL INFORMATION:  
APPLICANT: Piepersberg, Wolfgang  
APPLICANT: Stockmann, Michael  
APPLICANT: Taleghani, Kamriz Mansouri  
APPLICANT: Distler, Jurgen  
APPLICANT: Grabley, Susanne  
APPLICANT: Sichel, Petra  
APPLICANT: Brau, Barbara  
TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes



;; TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their  
;; TITLE OF INVENTION: Use.  
;; NUMBER OF SEQUENCES: 34  
;; CORRESPONDENCE ADDRESSES:  
;; ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &  
;; ADDRESSEE: Dunner  
;; STREET: 1300 I Street, N.W.  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: United States  
;; ZIP: 20005-3315  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patent in Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/196,218  
;; FILING DATE: 25-AUG-1994  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Ogden, Stasia L.  
;; REGISTRATION NUMBER: 36,228  
;; REFERENCE/DOCKET NUMBER: 02481.1372-00000  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-408-4000  
;; TELEFAX: 202-408-4400  
;; INFORMATION FOR SEQ ID NO: 27:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
;; US-08-196-218-27

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 693 TGTGGCACTCAAGG 706  
Db 4 TGTGGCACTCAAGG 17

RESULT 1057  
US-08-373-124A-944/c  
; Sequence 944, Application US/08373124A  
; Patent No. 5646042  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Draper, Kenneth  
; APPLICANT: McSwiggen, James  
; APPLICANT: Jarvis, Thale  
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
; TITLE OF INVENTION: CANCER USING RIBOZYMES  
; NUMBER OF SEQUENCES: 2627  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; MEDIUM TYPE: IBM Compatible  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/373,124A  
;; FILING DATE: January 13, 1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/245,466  
;; FILING DATE: May 18, 1994  
;; APPLICATION NUMBER: 08/192,943  
;; FILING DATE: February 7, 1994  
;; APPLICATION NUMBER: 07/987,132  
;; FILING DATE: December 7, 1992  
;; APPLICATION NUMBER: 07/936,422  
;; FILING DATE: August 26, 1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 209/035  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 944:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; US-08-373-124A-944

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 671 AAAGCAAGCTCACA 684  
Db 14 AAAGCAAGCTAACA 1

RESULT 1058  
US-08-250-740-21  
; Sequence 21, Application US/08250740  
; Patent No. 5686240  
; GENERAL INFORMATION:  
; APPLICANT: Schuchman, Edward H.  
; APPLICANT: Desnick, Robert J.  
; TITLE OF INVENTION: Acid Sphingomyelinase Gene and Diagnosis  
; TITLE OF INVENTION: of Niemann-Pick Disease  
; NUMBER OF SEQUENCES: 36  
; CORRESPONDENCE ADDRESSES:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/250,740  
; FILING DATE: 27-MAY-1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Coruzzi, Laura A.  
; REGISTRATION NUMBER: 30742  
; REFERENCE/DOCKET NUMBER: 6923-038  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-8864  
; TELEX: 66141 PENNIS  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-250-740-21

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      863 TGAAGCACTACCTG 876
Db      2 TGAAGCACTACCTG 15

RESULT 1059
US-08-681-953-27
; Sequence 27, Application US/08681953
; Patent No. 5710032
; GENERAL INFORMATION:
; APPLICANT: Piepersberg, Wolfgang
; APPLICANT: Stockmann, Michael
; APPLICANT: Taleghani, Kamalz Mansouri
; APPLICANT: Distier, Jurgen
; APPLICANT: Grabley, Susanne
; APPLICANT: Sichel, Petra
; APPLICANT: Brau, Barbara
; TITLE OF INVENTION: Secondary-Metabolite Biosynthesis Genes
; TITLE OF INVENTION: From Actinomycetes, Method of Isolating Them, and Their
; TITLE OF INVENTION: Use.
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Finnegan, Henderson, Farabow, Garrettt &
; ADDRESSEE: Dunner
; STREET: 1300 I Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: United States
; ZIP: 20005-3315
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/681,953
; FILING DATE: 30-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/196,218
; FILING DATE: 25-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ogden, Stasia L.
; REGISTRATION NUMBER: 36,228
; REFERENCE/DOCKET NUMBER: 02481.1372-00000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-408-4000
; TELEFAX: 202-408-4400
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-681-953-27

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      693 TGTGGCACTCAAGG 706
Db      1 TGTGGCACTCAAGG 17

RESULT 1060
US-08-244-468-4
; Sequence 4, Application US/08244468
; Patent No. 5747292
; GENERAL INFORMATION:
; APPLICANT: GREENBERG, PHILIP D.
; APPLICANT: NELSON, BRAD H.
; TITLE OF INVENTION: CHIMERIC CYTOKINE RECEPTORS IN
; TITLE OF INVENTION: LYMPHOCYTES
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: PALO ALTO
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,468
; FILING DATE: 31-MAY-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: DYLAN, TYLER
; REGISTRATION NUMBER: 37,612
; REFERENCE/DOCKET NUMBER: 22627-20006.20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-244-468-4

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      44 GAGGACCAAGCAGTG 57
Db      3 GAGCACCAGCAGTG 16

RESULT 1061
US-07-695-472B-27
; Sequence 27, Application US/07695472B
; Patent No. 5773278
; GENERAL INFORMATION:
; APPLICANT: Schuchman, Edward H.
; APPLICANT: Desnick, Robert J.
; TITLE OF INVENTION: The Acid Sphingomyelinase Gene and
; TITLE OF INVENTION: Diagnosis of Niemann-Pick Disease
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/695,472B
FILING DATE: 19910503
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6923-014
TELEPHONE: (212) 790-9090
TELEFAX: (212) 7908864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-07-695-472B-27

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACCTG 876
DB 2 TGAAGCAATACCTG 15

RESULT 1062
US-08-435-628-944/c
Sequence 944, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,432
FILING DATE: December 7, 1992

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/695,472B
FILING DATE: 19910503
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6923-014
TELEPHONE: (212) 790-9090
TELEFAX: (212) 7908864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-07-695-472B-27

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACCTG 876
DB 2 TGAAGCAATACCTG 15

RESULT 1062
US-08-435-628-944/c
Sequence 944, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,432
FILING DATE: December 7, 1992

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/695,472B
FILING DATE: 19910503
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6923-014
TELEPHONE: (212) 790-9090
TELEFAX: (212) 7908864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-07-695-472B-27

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACCTG 876
DB 2 TGAAGCAATACCTG 15

RESULT 1062
US-08-435-628-944/c
Sequence 944, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,432
FILING DATE: December 7, 1992

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/695,472B
FILING DATE: 19910503
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6923-014
TELEPHONE: (212) 790-9090
TELEFAX: (212) 7908864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-07-695-472B-27

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACCTG 876
DB 2 TGAAGCAATACCTG 15

RESULT 1062
US-08-435-628-944/c
Sequence 944, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,432
FILING DATE: December 7, 1992

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/695,472B
FILING DATE: 19910503
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6923-014
TELEPHONE: (212) 790-9090
TELEFAX: (212) 7908864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-07-695-472B-27

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACCTG 876
DB 2 TGAAGCAATACCTG 15

RESULT 1062
US-08-435-628-944/c
Sequence 944, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,432
FILING DATE: December 7, 1992

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1
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US-08-698-805-10

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1153 GACATGTGGGGTCT 1166  
|||||  
DB 1 GACATGTGGAGTCT 14

RESULT 1064

US-08-933-749-9/c  
; Sequence 9, Application US/08933749  
; Patent No. 5935791  
; GENERAL INFORMATION:  
; APPLICANT: Nadeau, James G.  
; APPLICANT: Hsieh, Helen V.  
; APPLICANT: Pitner, James B.  
; APPLICANT: Lim, Carl P.  
; TITLE OF INVENTION: Detection of Nucleic Acids by  
; TITLE OF INVENTION: Fluorescence Quenching  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: R. J. Rodrick, Becton Dickinson and Company  
; STREET: 1 Becton Drive  
; CITY: Franklin Lakes  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07417

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
FILING DATE: US/08/933,749  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Fugit, Donna R.  
REGISTRATION NUMBER: 32,135  
REFERENCE/DOCKET NUMBER: P-3749  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-933-749-9

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 934 CTCGGTGGCCTGGC 947  
|||||  
DB 14 CTCGGTGGCCTGGC 1

RESULT 1065

US-08-985-162-220/c  
; Sequence 220, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; NUMBER OF SEQUENCES: 1877

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 220:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-985-162-220

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1481 TCCACAACTTCT 1494  
|||||  
DB 15 TCCACAACTTCT 2

RESULT 1066

US-08-985-162-221/c  
; Sequence 221, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ for Windows 2.0

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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 221:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-221

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1481 TCACAACTTCCT 1494
Db 14 TCACAACTTCCT 1

RESULT 1067
US-08-913-833-68
; Sequence 68, Application US/08913833
; Patent No. 6087093
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; TITLE OF INVENTION: MUTATIONS IN THE REVERSE TRANSCRIPTASE GENE
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P. O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,833
; FILING DATE: 15 Sep 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/00211
; FILING DATE: 17 Jan 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870005.4
; FILING DATE: 26 Jan 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
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;
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-913-833-68

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 868 CAGTACCTGGATGA 881
Db 2 CAGTACATGGATGA 15

RESULT 1068
US-08-998-099-43/c
; Sequence 43, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT OF DISEASES
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1994-05-18
; EARLIER APPLICATION NUMBER: 08/245,466
; NUMBER OF SEQ ID NOS: 375
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 43
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-08-998-099-43

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 244 GGCAGTGACCTGG 257
Db 15 GGCAGTGACCTGG 2

RESULT 1069
US-08-998-099-52
; Sequence 52, Application US/08998099A
; Patent No. 6103890
; GENERAL INFORMATION:
; APPLICANT: JARVIS, THALE
; APPLICANT: MCSWIGGEN, JAMES A.
; APPLICANT: STINCHCOMB, DAN T.
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT OF DISEASES
; FILE REFERENCE: 231/175
; CURRENT APPLICATION NUMBER: US/08/998,099A
; CURRENT FILING DATE: 1997-12-24
; EARLIER FILING DATE: 1997-01-23
; EARLIER APPLICATION NUMBER: 60/037,658
; EARLIER FILING DATE: 1995-01-13
; EARLIER APPLICATION NUMBER: 08/373,124
; EARLIER FILING DATE: 1994-05-18
; EARLIER APPLICATION NUMBER: 08/245,466
; EARLIER FILING DATE: 1994-05-18
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; NUMBER OF SEQ ID NOS: 375  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 52  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-08-998-099-52

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 71.4%; Pred. No. 5.8e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 824 AGTCCCTCACCCCT 837  
Db 2 AGCCCUACACCCU 15

## RESULT 1070

US-09-235-583-9/c  
; Sequence 9, Application US/09235583  
; Patent No. 6130047

; GENERAL INFORMATION:  
; APPLICANT: Nadeau, James G.  
; APPLICANT: Hsieh, Helen V.  
; APPLICANT: Pitner, James B.  
; APPLICANT: Linn, Carl P.  
; TITLE OF INVENTION: Detection of Nucleic Acids by  
; Fluorescence Quenching  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: R. J. Rodrick, Becton Dickinson and Company  
; STREET: 1 Becton Drive  
; CITY: Franklin Lakes  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07417

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/235,583  
; FILING DATE:

; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fugit, Donna R.  
; REGISTRATION NUMBER: 32,135  
; REFERENCE/DOCKET NUMBER: P-3749  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-235-583-9

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCGGTGGCCTGGC 947  
Db 14 CTCGGTGTCTGGC 1

## RESULT 1071

US-09-599-164-9/c  
; Sequence 9, Application US/09599164  
; Patent No. 6261784

; GENERAL INFORMATION:  
; APPLICANT: Nadeau, James G.  
; APPLICANT: Hsieh, Helen V.

; APPLICANT: Pitner, James B.  
; APPLICANT: Linn, Carl P.  
; TITLE OF INVENTION: Detection of Nucleic Acids by  
; Fluorescence Quenching  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: R. J. Rodrick, Becton Dickinson and Company  
; STREET: 1 Becton Drive  
; CITY: Franklin Lakes  
; STATE: NJ  
; COUNTRY: US  
; ZIP: 07417

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/599,164  
; FILING DATE:

; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/933,749  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Fugit, Donna R.

; REGISTRATION NUMBER: 32,135  
; REFERENCE/DOCKET NUMBER: P-3749  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-599-164-9

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 934 CTCGGTGGCCTGGC 947  
Db 14 CTCGGTGTCTGGC 1

## RESULT 1072

US-09-580-794C-68

; Sequence 68, Application US/09580794C  
; Patent No. 6331389

; GENERAL INFORMATION:

; APPLICANT: Stuyver, Lieven

; APPLICANT: Louwagie, Joost

; APPLICANT: Rossau, Rudi

; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED MUTATIONS IN THE REVERSE

; TRANSCRIPTASE GENE

; FILE REFERENCE: INNS008--2

; CURRENT APPLICATION NUMBER: US/09/580,794C

; CURRENT FILING DATE: 2000-05-30

; PRIOR APPLICATION NUMBER: 08/913,833 now US/6,087,093

; PRIOR FILING DATE: 1997-09-15

; PRIOR APPLICATION NUMBER: PCT/EP 97/00211

; PRIOR FILING DATE: 1997-01-17

; PRIOR APPLICATION NUMBER: EP 96870005.4

; PRIOR FILING DATE: 1996-01-26

; PRIOR APPLICATION NUMBER: EP 96870081.5

; PRIOR FILING DATE: 1996-06-25

; NUMBER OF SEQ ID NOS: 164

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 68

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

OTHER INFORMATION: Synthetic Primer  
US-09-580-794C-68

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 CAGTACTGGAACA 881  
|||||  
DB 2 CAGTACATGATGA 15

RESULT 1073

US-08-584-040-3878/c  
Sequence 3878, Application US/08584040  
Patent No. 6346398

GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 3878:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-584-040-3878

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1054 AAGTCATCCCAAC 1067  
|||||  
DB 14 AAGTCATCCCAAC 1

RESULT 1074

US-08-584-040-4220  
Sequence 4220, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4220:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-584-040-4220

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 57.1%; Pred. No. 5.8e+02;  
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGACTTTGGCCTGG 1045  
|||||  
DB 4 UGACUUUGGCUUGG 17

RESULT 1075

US-08-584-040-7628/c  
Sequence 7628, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:

APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

;/ TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
;/ NUMBER OF SEQUENCES: 8502  
;/ CORRESPONDENCE ADDRESS:  
;/ ADDRESSEE: Lyon & Lyon  
;/ STREET: 633 West Fifth Street  
;/ CITY: Suite 4700  
;/ STATE: Los Angeles  
;/ COUNTRY: California  
;/ COUNTRY: U.S.A.  
;/ ZIP: 90071-2066  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;/ MEDIUM TYPE: storage  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
;/ SOFTWARE: Word Perfect 5.1  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/584,040  
;/ FILING DATE: January 11, 1996  
;/ CLASSIFICATION: 514  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: 60/005,974  
;/ FILING DATE: October 26, 1995  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 218/064  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 7628:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 17 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-584-040-7628

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 GAGGTGGTGACACT 1097  
||| ||||| ||||| |||||  
DB 17 GAGCTGGTGACACT 4

RESULT 1076  
US-08-679-645-856/c  
; Sequence 856, Application US/08679645  
; Patent No. 6350934  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; APPLICANT: Edington, Brent E.  
; APPLICANT: McSwiggen, James A.  
; APPLICANT: Merlo, Patricia Ann Owens  
; APPLICANT: Guo, Lining  
; APPLICANT: Skokut, Thomas A.  
; APPLICANT: Young, Scott A.  
; APPLICANT: Folkerts, Otto  
; APPLICANT: Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
; TITLE OF INVENTION: IN PLANTS  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; STATE: Los Angeles  
; COUNTRY: California

;/ COUNTRY: U.S.A.  
;/ ZIP: 90071-2066  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;/ MEDIUM TYPE: storage  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
;/ SOFTWARE: Word Perfect 5.1  
;/ CURRENT APPLICATION DATA:  
;/ APPLICATION NUMBER: US/08/679,645  
;/ FILING DATE: July 12, 1996  
;/ CLASSIFICATION: 800  
;/ PRIOR APPLICATION DATA:  
;/ APPLICATION NUMBER: 60/001,135  
;/ FILING DATE: July 13, 1995  
;/ APPLICATION NUMBER: 08/300,726  
;/ FILING DATE: September 2, 1994  
;/ ATTORNEY/AGENT INFORMATION:  
;/ NAME: Warburg, Richard J.  
;/ REGISTRATION NUMBER: 32,327  
;/ REFERENCE/DOCKET NUMBER: 219/247  
;/ TELECOMMUNICATION INFORMATION:  
;/ TELEPHONE: (213) 489-1600  
;/ TELEFAX: (213) 955-0440  
;/ TELEX: 67-3510  
;/ INFORMATION FOR SEQ ID NO: 856:  
;/ SEQUENCE CHARACTERISTICS:  
;/ LENGTH: 17 base pairs  
;/ TYPE: nucleic acid  
;/ STRANDEDNESS: single  
;/ TOPOLOGY: linear  
;/ US-08-679-645-856

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 604 AACCTGGAGACCTA 617  
||| ||||| ||||| |||||  
DB 17 AACCTGGAGACCTA 4

RESULT 1077

US-08-679-645-858/c  
; Sequence 858, Application US/08679645  
; Patent No. 6350934  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; APPLICANT: Edington, Brent E.  
; APPLICANT: McSwiggen, James A.  
; APPLICANT: Merlo, Patricia Ann Owens  
; APPLICANT: Guo, Lining  
; APPLICANT: Skokut, Thomas A.  
; APPLICANT: Young, Scott A.  
; APPLICANT: Folkerts, Otto  
; APPLICANT: Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
; TITLE OF INVENTION: IN PLANTS  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; STATE: Los Angeles  
; COUNTRY: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
;/ COMPUTER READABLE FORM:  
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;/ MEDIUM TYPE: storage  
;/ COMPUTER: IBM Compatible  
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0



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; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 858:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-858

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 604 AAACGGAGACCTA 617
Db 15 AACCTGGAGACCTA 2

RESULT 1078
US-08-220-602B-13
; Sequence 13, Application US/08220602B
; Patent No. 6514745
; GENERAL INFORMATION:
; APPLICANT: KARIN, MICHAEL
; APPLICANT: DAVIS, ROGER
; APPLICANT: MASAHITO, HIBI
; APPLICANT: ANNING, LIN
; APPLICANT: DERJARD, BENOIT
; TITLE OF INVENTION: ONCOPROTEIN PROTEIN KINASE
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FISH & RICHARDSON P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: California
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/220,602B
; FILING DATE: 25-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Ph.D., Lisa A.,
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07257/015001 (PD3205)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 678-5070
; TELEFAX: (619) 678-5099
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs

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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
; US-08-220-602B-13

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 5.8e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 973 CACCGAGACCTCAGCC 989
Db 1 CAYMGNGAYTNARCC 17

RESULT 1079
US-09-474-432B-623
; Sequence 623, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 623
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-623

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.8e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 296 CTCGACGGGGGCCCA 309
Db 1 CUGCAGGGGCCCA 14

RESULT 1080
US-09-474-432B-758/c
; Sequence 758, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn

```

```
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 758
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-884
;
Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 928 CAGCTGCTCCGTGG 941
Db 17 CAGCTGACCGTGG 4

RESULT 1081
US-09-474-432B-884/c
; Sequence 884, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleot
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 884
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-884
;
Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1578 CAGGCCAGCTTTC 1591
Db 17 CAGGCCAGCTTTC 4

RESULT 1082
US-09-106-375-27
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; Sequence 27, Application US/09106375
; Patent No. 6541218
; GENERAL INFORMATION:
; APPLICANT: Schuchman, Edward H.
; APPLICANT: Desnick, Robert J.
; TITLE OF INVENTION: The Acid Sphingomyelinase Gene and
; TITLE OF INVENTION: Diagnosis of Niemann-Pick Disease
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,375
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/695,472
; FILING DATE: 03-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Misrock, S. Lealie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6923-014
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 7908864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA
US-09-106-375-27
;
Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 863 TGAAGCAGTACCTG 876
Db 2 TGAAGCAATACCTG 15

RESULT 1083
US-09-371-772B-1645/c
; Sequence 1645, Application US/0931772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1645
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1645

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1054 AAGTCATCCCAAC 1067
    |||||
Db 14 AAGTCATCCCAAC 1

RESULT 1084
US-09-371-772B-1987
; Sequence 1987, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1987
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1987

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 5.8e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1032 TGACTTTGGCCTGG 1045
    :|||:|:|:|:|
Db 4 UGACUUGGCUUGG 17

RESULT 1085
US-09-371-772B-3420/c
; Sequence 3420, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3420
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3420

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 GAGGTGGTGACACT 1097
    |||||
Db 17 GAGGTGGTGACACT 4

RESULT 1086
US-09-476-387-622
; Sequence 622, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 622
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-622

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 5.8e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 296 CTGCACGGGCCCCA 309
    |:|:|:|:|:|:|
Db 1 CUGCACGGGCCCCA 14

RESULT 1087
US-09-476-387-757/c
; Sequence 757, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
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;; CURRENT FILING DATE: 2001-04-04  
;; PRIOR APPLICATION NUMBER: 09/474,432  
;; PRIOR FILING DATE: 1999-12-29  
;; PRIOR APPLICATION NUMBER: 09/301,511  
;; PRIOR FILING DATE: 1999-04-28  
;; PRIOR APPLICATION NUMBER: 09/186,675  
;; PRIOR FILING DATE: 1998-11-04  
;; PRIOR APPLICATION NUMBER: 60/083,727  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/064,866  
;; PRIOR FILING DATE: 1997-11-05  
;; NUMBER OF SEQ ID NOS: 1524  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 757  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-09-476-387-757

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 928 CAGCTGCTCCGTGG 941  
Db 17 CAGCTGCACCGTGG 4

RESULT 1088  
US-09-476-387-883/c  
;; Sequence 883, Application US/09476387  
;; Patent No. 6617438  
;; GENERAL INFORMATION:  
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
;; APPLICANT: Beigelman, Leo  
;; APPLICANT: Beaudry, Amber  
;; APPLICANT: Karpeisky, Alex  
;; APPLICANT: Adamic, Jasenka Matulic  
;; APPLICANT: Sweedler, Dave  
;; APPLICANT: Zinnen, Shawn  
;; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot  
;; FILE REFERENCE: MHB00-831-C (249/073)  
;; CURRENT APPLICATION NUMBER: US/09/476,387  
;; CURRENT FILING DATE: 2001-04-04  
;; PRIOR APPLICATION NUMBER: 09/474,432  
;; PRIOR FILING DATE: 1999-12-29  
;; PRIOR APPLICATION NUMBER: 09/301,511  
;; PRIOR FILING DATE: 1999-04-28  
;; PRIOR APPLICATION NUMBER: 09/186,675  
;; PRIOR FILING DATE: 1998-11-04  
;; PRIOR APPLICATION NUMBER: 60/083,727  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/064,866  
;; PRIOR FILING DATE: 1997-11-05  
;; NUMBER OF SEQ ID NOS: 1524  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 883  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-09-476-387-883

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1578 CAGGCCAGCTTCC 1591  
Db 17 CAGGCCAGCTTCC 4

RESULT 1089  
US-09-401-063-220/c

;; Sequence 220, Application US/09401063  
;; Patent No. 6623962  
;; GENERAL INFORMATION:  
;; APPLICANT: Akhtar, Saghir  
;; APPLICANT: Fell, Patricia  
;; APPLICANT: McSwiggen, James  
;; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
;; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
;; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
;; TITLE OF INVENTION: FACTOR RECEPTORS  
;; NUMBER OF SEQUENCES: 1877  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: Storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSeq for Windows 2.0  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/401,063  
;; FILING DATE:

;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/985,162  
;; FILING DATE: 04 December 1997  
;; APPLICATION NUMBER: 60/036,476  
;; FILING DATE: 31 January 1997  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 230/107  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 220:

;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-09-401-063-220

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1481 TCACAACTTCTCT 1494  
Db 15 TCACAACTTCTCT 2

RESULT 1090  
US-09-401-063-221/c  
;; Sequence 221, Application US/09401063  
;; Patent No. 6623962  
;; GENERAL INFORMATION:  
;; APPLICANT: Akhtar, Saghir  
;; APPLICANT: Fell, Patricia  
;; APPLICANT: McSwiggen, James  
;; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
;; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
;; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
;; TITLE OF INVENTION: FACTOR RECEPTORS  
;; NUMBER OF SEQUENCES: 1877  
;; CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FASTSQ for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 221:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-221

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1481 TCACAAACTTCCT 1494  
Db 14 TCACAAACTTCCT 1

RESULT 1091  
US-09-827-998-547  
Sequence 547, Application US/09827998  
Patent No. 6656700  
GENERAL INFORMATION:  
APPLICANT: Gu, Yizhong  
TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
FILE REFERENCE: MOHMOF-8  
CURRENT APPLICATION NUMBER: US/09/827,998  
CURRENT FILING DATE: 2001-04-06  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
NUMBER OF SEQ ID NOS: 1881  
SOFTWARE: Acmica Sequence Listing Engine  
Patent No. 6656700  
SEQ ID NO 547  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-827-998-547

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 290 TTCGTTCTGCACGG 303  
Db 1 TTCGTTCTGCACGG 14  
RESULT 1092  
US-09-866-108A-65/c  
Sequence 65, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acmica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 65  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-65

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1182 TGAGATGCCACAG 1195  
Db 17 TGAGATGCCACAG 4

RESULT 1093  
US-09-866-108A-69/c  
Sequence 69, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 69  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-69

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1181 ATGAGTGGGCACA 1194  
Db 14 ATGAGTGGGCACA 1  
RESULT 1094  
US-09-866-108A-517  
Sequence 517, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 69  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-69

PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 517  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-517  
Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 202 GCCCTGAGCAGAT 215  
Db 4 GACCTGAGCAGAT 17  
RESULT 1095  
US-09-866-108A-518  
Sequence 518, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 518  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-518

Query Match 0.7%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 202 GCCCCTGAGCAGAT 215  
| | | | | | | | | | | | | | | |  
Db 3 GACCCCTGAGCAGAT 16

## RESULT 1096

US-09-866-108A-519  
; Sequence 519, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aeoica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 519

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-519

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 202 GCCCCTGAGCAGAT 215  
| | | | | | | | | | | | | | | |  
Db 2 GACCCCTGAGCAGAT 15

## RESULT 1097

US-09-866-108A-520  
; Sequence 520, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aeoica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 520

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-520

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 202 GCCCCTGAGCAGAT 215  
| | | | | | | | | | | | | | | |  
Db 1 GACCCCTGAGCAGAT 14

## RESULT 1098

US-09-866-108A-2181/c  
; Sequence 2181, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 2181  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-2181

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 990 CCAGAACCTGCTCA 1003  
Db 17 CCAGGACCTGCTCA 4

RESULT 1099  
US-09-866-108A-2182/c  
;; Sequence 2182, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; CURRENT APPLICATION NUMBER: US/09/866.108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 2182  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-2182

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
Qy 990 CCAGAACCTGCTCA 1003  
Db 16 CCAGGACCTGCTCA 3

RESULT 1100  
US-09-866-108A-2183/c  
;; Sequence 2183, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AECOMICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866.108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Aecomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 2183  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-2183

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 990 CCAGAACCTGCTCA 1003  
Db 15 CCAGGACCTGCTCA 2

RESULT 1101  
US-09-866-108A-2184/c  
;; Sequence 2184, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.



APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 2184  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-2184

Query Match 0.78; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 990 CCAGAACTGTCTCA 1003  
DB 14 CCAGAACTGTCTCA 1

RESULT 1102  
US-09-866-108A-7034/c  
Sequence 7034, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US 09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7035  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7035

PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7034  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7034

Query Match 0.78; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1640 AGCGGCTGGAGGGA 1653  
DB 17 AGAGGCTGGAGGGA 4

RESULT 1103  
US-09-866-108A-7035/c  
Sequence 7035, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US 09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7035  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7035

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Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1640 AGCGGCTGGAGGGA 1653
DB 16 AGAGGCTGGAGGGA 3

RESULT 1104
US-09-866-108A-7753
; Sequence 7753, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David R.
; APPLICANT: RANK, Wensheng
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7753
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7754

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 247 AGTGACCCCTGGAGA 260
DB 3 AGTGACCCAGGAGA 16

RESULT 1106
US-09-866-108A-7755
; Sequence 7755, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David R.
; APPLICANT: RANK, Wensheng
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A6MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7753
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7753

Query Match          0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 247 AGTGACCCCTGGAGA 260
DB 4 AGTGACCCAGGAGA 17

RESULT 1105
US-09-866-108A-7754
; Sequence 7754, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
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PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7755  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7755

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 247 AGTGACCCCTGGAGA 260  
Db 2 AGTGACCCAGGAGA 15

RESULT 1107  
US-09-866-108A-7756  
Sequence 7756, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7756  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens

US-09-866-108A-7756

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 247 AGTGACCCCTGGAGA 260  
Db 1 AGTGACCCAGGAGA 14

RESULT 1108  
US-09-866-108A-8001/c  
Sequence 8001, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: ACOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Acomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8001  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8001

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCT 935  
Db 17 CTGTTCCAGCTGCT 4

RESULT 1109  
US-09-866-108A-8002/c  
Sequence 8002, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8002  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8002

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCT 935  
Db 16 CTGTTCCAGCTGCT 3

RESULT 1110  
US-09-866-108A-8003/c  
Sequence 8003, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8004  
LENGTH: 17  
TYPE: DNA

PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8003  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8003

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 922 CTGTTCCAGCTGCT 935  
Db 15 CTGTTCCAGCTGCT 2

RESULT 1111  
US-09-866-108A-8004/c  
Sequence 8004, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8004  
LENGTH: 17  
TYPE: DNA

; ORGANISM: Homo sapiens  
US-09-866-108A-8004

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 922 CTGTCCTCAGCTGCT 935  
||| ||||| |||||  
Db 14 CTGCTCCAGCTGCT 1

## RESULT 1112

US-09-866-108A-8047  
; Sequence 8047, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 8047

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-8047

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 130 CGGATGAGAGAGAT 143  
||| ||||| |||||  
Db 2 CGGATGAGAGAGAT 15

## RESULT 1113

US-09-866-108A-8048  
; Sequence 8048, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8048  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8048  
  
Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 130 CGGATGAGAGAGAT 143  
||| ||||| |||||  
Db 1 CGGATGAGAGAGAT 14  
  
RESULT 1114  
US-09-866-108A-8377/c  
; Sequence 8377, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30

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/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8377
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-8377

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTG 1033
Db 17 GCTCCAGCTGGCTG 4

RESULT 1115
US-09-866-108A-8378/c
/ Sequence 8378, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108A
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Acomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 8378
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108A-8379

Query Match      0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTG 1033
Db 15 GCTCCAGCTGGCTG 2

RESULT 1117
US-09-866-108A-8380/c
/ Sequence 8380, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
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; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8380
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8380

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1020 GCTCAAGCTGGCTG 1033
DB 14 GCTCCAGCTGGCTG 1

RESULT 1118
US-09-866-108A-8593
; Sequence 8593, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8594
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8594

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8593
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8593

Query Match 0.7%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 5.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCTCAAGGACCTCA 778
DB 4 GCACAGGACCTCA 17

RESULT 1119
US-09-866-108A-8594
; Sequence 8594, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8594

```

; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8594

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCTCAAGGACCTCA 778  
Db 3 GCACAAGGACCTCA 16

## RESULT 1120

US-09-866-108A-8595  
; Sequence 8595, Application US/09866108A  
; Patent No. 6686188

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/006666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006659  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006655  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/006666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006659

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006655

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 8595

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-8595

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCTCAAGGACCTCA 778  
Db 2 GCACAAGGACCTCA 15

## RESULT 1121

US-09-866-108A-8596  
; Sequence 8596, Application US/09866108A  
; Patent No. 6686188

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/006666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006659  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006655  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/006663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/006666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006659

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006655

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/006663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 8596

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-8596

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 765 GCTCAAGGACCTCA 778  
Db 1 GCACAAGGACCTCA 14

## RESULT 1122

US-09-866-108A-8895/c

; Sequence 8895, Application US/09866108A

; Patent No. 6686188

## ; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27



PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmca Sequence Listing Engine  
Patent No. 6866188  
SEQ ID NO 8895  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8895

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 166 CTCGAGGTGGCG 179  
DB 17 CTCGAGGTGGCG 4

RESULT 1123  
US-09-866-108A-8899/c  
Sequence 8899, Application US/09866108A  
Patent No. 6866188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmca Sequence Listing Engine  
Patent No. 6866188

SEQ ID NO 8899  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8899

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 92.9%; Pred. No. 5.8e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 165 ACTCGAGGTGGCC 178  
DB 14 ACTCGAGGTGGCC 1

RESULT 1124  
PCT-US94-08119-13  
Sequence 13, Application PC/TUS9408119  
GENERAL INFORMATION:  
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
APPLICANT: UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL  
APPLICANT: Karin, Michael  
APPLICANT: Davis, Roger  
APPLICANT: Hibi, Masahiko  
APPLICANT: Lin, Aiming  
APPLICANT: Deri, Benoît  
TITLE OF INVENTION: ONCOPROTEIN PROTEIN KINASE  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Spensley Horn Jubas & Lubitz  
STREET: 1880 Century Park East, Suite 500  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90067  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US94/08119  
FILING DATE: 18-JUL-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Wetherell, Jr., Ph.D., John R.,  
REGISTRATION NUMBER: 31,678  
REFERENCE/DOCKET NUMBER: FD-3205  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (619) 455-5100  
TELEFAX: (619) 455-5110  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
PCT-US94-08119-13

Query Match 0.7%; Score 12.4; DB 1; Length 17;  
Best Local Similarity 58.8%; Pred. No. 5.8e+02;  
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 973 CACGAGACCTCAAGCC 989  
DB 1 CAYGNGAYNTAARCC 17

RESULT 1125  
PCT-US94-12913A-13  
Sequence 13, Application PC/TUS9412913A  
GENERAL INFORMATION:





NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thomas E. Popovich, Thomas  
ADDRESSEE: Popovich & Associates  
STREET: 80 South 8th Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,212A  
FILING DATE: 07-Jun-1995  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 565355ember 9, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas E. Popovich  
REGISTRATION NUMBER: 30099  
REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE: Other nucleic acid  
MOLECULE TYPE: Oligonucleotide useful in amplification of T Cell Receptor  
MOLECULE TYPE: Vb region)  
HYPOTHETICAL: No  
ORIGINAL SOURCE: Synthesized using  
ORIGINAL SOURCE: oligonucleotide synthesis machine  
PUBLICATION INFORMATION:  
AUTHORS: Imberti, Luisa; Sottini,  
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,  
AUTHORS: Daniele  
TITLE: Selective Depletion in HIV Infection  
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
JOURNAL: Science  
VOLUME: 254  
ISSUE: 5033  
PAGES: 860-862  
PUBLICATION DATE: No. 566355ember 8, 1991  
US-08-488-212A-15  
Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 816 CACGAGAGAGTCCC 829  
DB 1 CACGAGAGAGTCCC 14  
RESULT 1131  
US-08-411-796-263/c  
Sequence 263 Application US/08411796  
Patent No. 5677149  
GENERAL INFORMATION:  
APPLICANT: Abrams, Mark A.  
APPLICANT: Bauer, S. C.  
APPLICANT: Bradford-Goldberg, Sarah R.  
APPLICANT: Caparon, Mairé H.

APPLICANT: Easton, Alan M.  
APPLICANT: Klein, Barbara K.  
APPLICANT: McKearn, John P.  
APPLICANT: Olin, Peter O.  
APPLICANT: Paik, Kumman  
APPLICANT: Polazzi, Joseph O.  
APPLICANT: Thomas, John W.  
TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides  
NUMBER OF SEQUENCES: 549  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,  
ADDRESSEE: Corporate Patent Dept.  
STREET: P. O. Box 5110  
CITY: Chicago  
STATE: Illinois  
COUNTRY: USA  
ZIP: 60680  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/411,796  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/981044  
FILING DATE: 24-NOV-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/11198  
FILING DATE: 22-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Bennett, Dennis A.  
REGISTRATION NUMBER: 34,547  
REFERENCE/DOCKET NUMBER: C2713/1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (708)470-6501  
TELEFAX: (708)470-6881  
INFORMATION FOR SEQ ID NO: 263:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (synthetic)  
US-08-411-796-263  
Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 133 ATGAAGAAGATCAA 146  
DB 17 ATGAAGAAGATCAA 4  
RESULT 1132  
US-08-585-684B-2507  
Sequence 2507 Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwigen, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700

CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2507:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-2507

NAME: Thomas E. Popovich  
REGISTRATION NUMBER: 30099  
REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE: Other nucleic acid  
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor  
MOLECULE TYPE: Vb region)  
HYPOTHETICAL: No  
ORIGINAL SOURCE: Synthesized using  
ORIGINAL SOURCE: oligonucleotide synthesis machine  
PUBLICATION INFORMATION:  
AUTHORS: Imberti, Luisa; Sottini,  
AUTHORS: Alessandra; Bettinardi, Alessandra; Fuoti, Massimo; Primi,  
AUTHORS: Daniele  
TITLE: Selective Depletion in HIV Infection  
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
JOURNAL: Science  
VOLUME: 254  
ISSUE: 5033  
PAGES: 860-862  
PUBLICATION DATE: No. 5891623ember 8, 1991  
US-08-320-306-15

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 71.4%; Pred. No. 6.3e+02;  
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 941 GCCTGGCTACTGC 954  
|||:|:|:|:  
Db 4 GCCUGACCUACUGC 17

RESULT 1133  
US-08-320-306-15  
Sequence 15, Application US/08320306  
Patent No. 5891623  
GENERAL INFORMATION:  
APPLICANT: Primi, Daniele  
TITLE OF INVENTION: Diagnosis and Treatment of  
TITLE OF INVENTION: AIDS Onset  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thomas E. Popovich, Thomas  
ADDRESSEE: Popovich & Associates  
STREET: 80 South 8th Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/320,306  
FILING DATE: 06-OCT-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 5891623ember 9, 1992  
ATTORNEY/AGENT INFORMATION:

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 816 CACGGAGAGTCCC 829  
|||:|:|:|:  
Db 1 CAAGGAGAGTCCC 14

RESULT 1134  
US-08-488-209B-15  
Sequence 15, Application US/08488209B  
Patent No. 5925513  
GENERAL INFORMATION:  
APPLICANT: Primi, Daniele  
TITLE OF INVENTION: Diagnosis and Treatment of  
TITLE OF INVENTION: AIDS Onset  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thomas E. Popovich, Thomas  
ADDRESSEE: Popovich & Associates  
STREET: 80 South 8th Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,209B  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 5925513ember 9, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas E. Popovich

REGISTRATION NUMBER: 30099  
REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE: Other nucleic acid  
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor  
HYPOTHETICAL: No  
ORIGINAL SOURCE: Synthesized using  
PUBLICATION INFORMATION:  
AUTHORS: Imberti, Luisa; Sottini,  
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,  
AUTHORS: Daniele  
TITLE: Selective Depletion in HIV Infection  
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
JOURNAL: Science  
VOLUME: 254  
ISSUE: 5033  
PAGES: 860-862  
PUBLICATION DATE: No. 5925513ember 8, 1991  
US-08-488-209B-15

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 816 CACGAGAGTCCC 829  
Db 1 CACGAGAGTCCC 14

RESULT 1135  
US-08-408-011-15  
Sequence 15, Application US/08408011  
Patent No. 5928642  
GENERAL INFORMATION:  
APPLICANT: Primi, Daniele  
TITLE OF INVENTION: Diagnosis and Treatment of  
TITLE OF INVENTION: AIDS Onset  
NUMBER OF SEQUENCES: 57  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Thomas E. Popovich, Thomas  
ADDRESSEE: Popovich & Associates  
STREET: 80 South 8th Street  
CITY: Minneapolis  
STATE: Minnesota  
COUNTRY: USA  
ZIP: 55402-2111  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
COMPUTER: IBM Compatible Compaq Prolinea  
COMPUTER: 4/66  
OPERATING SYSTEM: MS-DOS Version 5  
SOFTWARE: Microsoft Word for Windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/408,011  
FILING DATE: 18-OCT-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION INFORMATION:  
APPLICATION NUMBER: 07/973,485  
FILING DATE: No. 5928642ember 9, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Thomas E. Popovich  
REGISTRATION NUMBER: 30099

REFERENCE/DOCKET NUMBER: 3678  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (612) 334-8991  
TELEFAX: (612) 334-8994  
INFORMATION FOR SEQ ID NO: 15:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: Nucleic Acid  
STRANDEDNESS: Single  
TOPOLOGY: Linear  
MOLECULE TYPE: Other nucleic acid  
MOLECULE TYPE: (oligonucleotide useful in amplification of T Cell Receptor  
HYPOTHETICAL: No  
ORIGINAL SOURCE: Synthesized using  
PUBLICATION INFORMATION:  
AUTHORS: Imberti, Luisa; Sottini,  
AUTHORS: Alessandra; Bettinardi, Alessandra; Puoti, Massimo; Primi,  
AUTHORS: Daniele  
TITLE: Selective Depletion in HIV Infection  
TITLE: of T Cells That Bear Specific T Cell Receptor Vb Sequences  
JOURNAL: Science  
VOLUME: 254  
ISSUE: 5033  
PAGES: 860-862  
PUBLICATION DATE: No. 5928642ember 8, 1991  
US-08-408-011-15

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 816 CACGAGAGTCCC 829  
Db 1 CACGAGAGTCCC 14

RESULT 1136  
US-08-584-322A-6/c  
Sequence 6, Application US/08584322A  
Patent No. 5976846  
GENERAL INFORMATION:  
APPLICANT: Passmore, Steven E.  
APPLICANT: Marykwas, Donna L.  
TITLE OF INVENTION: METHOD FOR MULTIFRAGMENT IN VIVO  
TITLE OF INVENTION: CLONING AND MUTATION MAPPING  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Steven Passmore  
STREET: 702 Concart St.  
CITY: Hattiesburg  
STATE: Mississippi  
COUNTRY: USA  
ZIP: 39401  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 INCH, 1.44 MB STORAGE  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: MS-DOS 6  
SOFTWARE: WordPerfect 3.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,322A  
FILING DATE: January 13, 1996  
CLASSIFICATION: 435  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (601) 585-6008  
TELEFAX: (601) 585-8986  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

; MOLECULE TYPE: Other nucleic acid (Synthetic DNA)  
US-08-584-322A-6

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 TGTTCCTGTTCCAG 930  
|||||  
DB 14 TGTTCCTGTTCCAG 1

RESULT 1137  
US-09-255-911-28/c  
; Sequence 28, Application US/09255911  
; Patent No. 6013522  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD1 EXPRESSION  
; FILE REFERENCE: RTS-0040  
; CURRENT APPLICATION NUMBER: US/09/255,911  
; CURRENT FILING DATE: 1999-02-23  
; NUMBER OF SEQ ID NOS: 46  
; SEQ ID NO 28  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-255-911-28

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1247 TCCGTATCTTAGGA 1260  
|||||  
DB 18 TCCGTACTTAGGA 5

RESULT 1138  
US-09-289-376-19/c  
; Sequence 19, Application US/09289376  
; Patent No. 6013788  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD3 EXPRESSION  
; FILE REFERENCE: RTS-0043  
; CURRENT APPLICATION NUMBER: US/09/289,376  
; CURRENT FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 19  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-376-19

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 474 CCTATCACTACGAG 487  
|||||  
DB 18 CCTACCACTACGAG 5

RESULT 1139  
US-08-471-039-263/c  
; Sequence 263, Application US/08471039

; Patent No. 6017523  
; GENERAL INFORMATION:  
; APPLICANT: Abrams, Mark A.  
; APPLICANT: Bauer, S. C.  
; APPLICANT: Braford-Goldberg, Sarah R.  
; APPLICANT: Caparon, Maïre H.  
; APPLICANT: Easton, Alan M.  
; APPLICANT: Klein, Barbara K.  
; APPLICANT: McKearn, John P.  
; APPLICANT: Olins, Peter O.  
; APPLICANT: Paik, Kuman  
; APPLICANT: Pelazzi, Joseph O.  
; APPLICANT: Thomas, John W.  
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides  
; NUMBER OF SEQUENCES: 549  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,  
; STREET: P. O. Box 5110  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60680  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/471,039  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/981,044  
; FILING DATE: 24-NOV-1992  
; PRIOR APPLICATION DATA: PCT/US93/11198  
; APPLICATION NUMBER: 22-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bennett, Dennis A.  
; REGISTRATION NUMBER: 34,547  
; REFERENCE/DOCKET NUMBER: C27113/5  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (708)470-6501  
; TELEFAX: (708)470-6881  
; INFORMATION FOR SEQ ID NO: 263:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (synthetic)  
US-08-471-039-263

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAA 146  
|||||  
DB 17 ATGAAGAAGACCAA 4

RESULT 1140  
US-09-339-964-32  
; Sequence 32, Application US/09339964  
; Patent No. 6025198  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION  
; FILE REFERENCE: RTS-0065  
; CURRENT APPLICATION NUMBER: US/09/339,964

```
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-964-32

Query Match      0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 6.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      229 AGTGGTGGTGGTGG 242
Db      2 AGTGGTGGAGTGG 15

RESULT 1141
US-08-485-942A-57
; Sequence 57, Application US/08485942A
; Patent No. 6048837
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BURLE
; TITLE OF INVENTION: OB POLYPEPTIDE AS MODULATORS OF BODY WEIGHT (AS
; TITLE OF INVENTION: AMENDED)
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,942A
; FILING DATE: JUNE 7, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: No. 6048837ember 30, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2F
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sws1174

; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
US-08-485-942A-57

Query Match      0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 6.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      584 TATCTGAGATTGGC 597
Db      3 TATCTGACATTGGC 16

RESULT 1142
US-09-143-212-44/c
; Sequence 44, Application US/09143212B
; Patent No. 6077672
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia and Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RTS-0005
; CURRENT APPLICATION NUMBER: US/09/143,212B
; CURRENT FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-143-212-44

Query Match      0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 6.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      559 AGCGCGCGCTCGG 572
Db      15 AGCGCGCGCGCGG 2

RESULT 1143
US-08-559-205-14
; Sequence 14, Application US/08559205
; Patent No. 6087096
; GENERAL INFORMATION:
; APPLICANT: Dau, Peter C.
; APPLICANT: Liu, Debang
; TITLE OF INVENTION: Method of Intrafamily Fragment Analysis of the T
; TITLE OF INVENTION: Cell Receptor ' and Chain CDR3 Regions
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/559,205
; FILING DATE:
; CLASSIFICATION: 436
; ATTORNEY/AGENT INFORMATION:
; NAME: Gass, David A. 38,153
; REGISTRATION NUMBER:
; REFERENCE/DOCKET NUMBER: 28721/32972
```



TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312/474-6300  
TELEFAX: 312/474-0448  
TELEX: 25-3856  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-559-205-14

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 816 CAAGGAGAGTCCC 829  
Db 1 CAAGGAGAGTCCC 14

RESULT 1144  
US-09-082-664-4/c  
Sequence 4, Application US/09082664A  
Patent No. 6114112  
GENERAL INFORMATION:  
APPLICANT: Jackwood, Daral J.  
TITLE OF INVENTION: Method of Making Immunogenic Compositions for  
TITLE OF INVENTION: Infectious Bursal Disease Virus  
FILE REFERENCE: 18525/04004  
CURRENT APPLICATION NUMBER: US/09/082,664A  
CURRENT FILING DATE: 1998-05-21  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 4  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Infectious bursal disease virus  
US-09-082-664-4

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 CAAGCAGATATCTCC 1080  
Db 17 CAAGCAGATATCTCC 4

RESULT 1145  
US-08-488-214A-57  
Sequence 57, Application US/08488214A  
Patent No. 6124439  
GENERAL INFORMATION:  
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,  
APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GATWALA, AND STEPHEN K. BURL  
TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING  
TITLE OF INVENTION: (AS AMENDED)  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/488,214A  
FILING DATE: JUNE 7, 1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: NO. 6124439ember 30, 1994  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer swss1174  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
US-08-488-214A-57

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 584 TATCTGAGATTGGC 597  
Db 3 TATCTGAGATTGGC 16

RESULT 1146  
US-08-488-208A-57  
Sequence 57, Application US/08488208A  
Patent No. 6124448  
GENERAL INFORMATION:

APPLICANT: THE ROCKEFELLER UNIVERSITY  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC  
TITLE OF INVENTION: USES THEREOF  
NUMBER OF SEQUENCES: 98  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/488,208A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/485,943  
FILING DATE: June 7, 1995  
APPLICATION NUMBER: 08/438,431  
FILING DATE: May 10, 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. 6124448ember 30, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 201 487-5800  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer swss1174  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Human  
US-08-488-208A-57

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 584 TATCTGAGATTGGC 597  
|||||  
DB 3 TATCTGAGATTGGC 16

RESULT 1147  
US-09-213-719-70  
Sequence 70, Application US/09213719B  
Patent No. 6150162  
GENERAL INFORMATION:  
APPLICANT: C. Frank Bennett  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION  
FILE REFERENCE: RTS-0006  
CURRENT APPLICATION NUMBER: US/09/213,719B  
CURRENT FILING DATE: 1998-12-17  
NUMBER OF SEQ ID NOS: 51  
SEQ ID NO 70  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-213-719-70

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 755 AAGTGTCCCTGTC 768  
|||||  
DB 2 AAGTGTCCAGCTC 15

RESULT 1148  
US-09-487-444-38/c  
Sequence 38, Application US/09487444  
Patent No. 6159697  
GENERAL INFORMATION:  
APPLICANT: Brett P. Monia  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD7 EXPRESSION  
FILE REFERENCE: RTS-0133  
CURRENT APPLICATION NUMBER: US/09/487,444  
CURRENT FILING DATE: 2000-01-19  
NUMBER OF SEQ ID NOS: 49  
SEQ ID NO 38  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-487-444-38

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 864 GAAGCAGTACCTGG 877  
|||||  
DB 17 GAGGCGATACCTGG 4

RESULT 1149  
US-09-038-073-2507  
Sequence 2507, Application US/09038073  
Patent No. 6194150  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
APPLICANT: McSwiggan, James  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
U.S.A.  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/038,073  
FILING DATE:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/585,684  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2507:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid

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/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-038-073-2507

Query Match      0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 71.4%; Pred. No. 6.3e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 941 GCCTGGCCTACTGC 954
Db 4 GCCUGACCUACUGC 17

RESULT 1150
US-09-311-260-67/c
; Sequence 67, Application US/09311260
; Patent No. 6214555
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; APPLICANT: Hui, May
; APPLICANT: Dunn, James M.
; APPLICANT: LaCroix, Jean-Michel
; TITLE OF INVENTION: METHOD, COMPOSITIONS AND KIT FOR DETECTION OF
; TITLE OF INVENTION: MICROORGANISMS AND BI-DIRECTIONAL SEQUENCING OF NUCLEIC ACID
; TITLE OF INVENTION: POLYMERS
; NUMBER OF SEQUENCES: 189
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson LLP
; STREET: P.O. Box 5270
; CITY: Frisco
; STATE: CO
; COUNTRY: US
; ZIP: 80443-5270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/311,260
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-058-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (970) 668-2050
; TELEFAX: (970) 668-2082
; TELEX:
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHEetical: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
US-09-311-260-67

Query Match      0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 6.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1717 CTGAGCCATGTCA 1730
Db 18 CTGAGCCATGTCA 5
```

```
RESULT 1151
US-09-193-377B-22/c
; Sequence 22, Application US/09193377B
; Patent No. 6221594
; GENERAL INFORMATION:
; APPLICANT: Burrell, Paul
; APPLICANT: Blackall, Linda
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA
; FILE REFERENCE: CULLN20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193,377B
; CURRENT FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; TYPE: DNA
; ORGANISM: Nitrospira
US-09-193-377B-22

Query Match      0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 6.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1684 TACATCTTCCCTGC 1697
Db 16 TCCATCTTCCCTGC 3

RESULT 1152
US-09-193-377B-24/c
; Sequence 24, Application US/09193377B
; Patent No. 6221594
; GENERAL INFORMATION:
; APPLICANT: Burrell, Paul
; APPLICANT: Blackall, Linda
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA
; FILE REFERENCE: CULLN20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193,377B
; CURRENT FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 62
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; TYPE: DNA
; ORGANISM: Nitrospira
US-09-193-377B-24

Query Match      0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 6.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1684 TACATCTTCCCTGC 1697
Db 16 TCCATCTTCCCTGC 3

RESULT 1153
US-09-193-377B-27/c
; Sequence 27, Application US/09193377B
; Patent No. 6221594
; GENERAL INFORMATION:
; APPLICANT: Burrell, Paul
; APPLICANT: Blackall, Linda
; APPLICANT: Keller, Jurg
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF AQUATIC
; TITLE OF INVENTION: NITRITE OXIDISING MICROORGANISMS OF THE GENUS NITROSPIRA
; FILE REFERENCE: CULLN20.001AUS
; CURRENT APPLICATION NUMBER: US/09/193,377B
```

;; CURRENT FILING DATE: 1998-11-17  
;; NUMBER OF SEQ ID NOS: 62  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 27  
;; LENGTH: 18  
;; TYPE: DNA  
;; ORGANISM: Nitrospira  
US-09-193-377B-27

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1684 TACATCTTCCTGC 1697  
Db 16 TCCATCTTCCTGC 3

RESULT 1154  
US-09-099-307-12  
; Sequence 12, Application US/09099307A  
; Patent No. 6221633  
; GENERAL INFORMATION:  
; APPLICANT: ERTL, JOHANN  
; APPLICANT: HABERMANN, PAUL  
; APPLICANT: GEISEN, KARL  
; APPLICANT: SEIPKE, GERHARD  
; TITLE OF INVENTION: NOVEL INSULIN DERIVATIVES HAVING A RAPID ONSET OF ACTION  
; FILE REFERENCE: 02481.1597-00000  
; CURRENT APPLICATION NUMBER: US/09/099.307A  
; CURRENT FILING DATE: 1998-06-18  
; EARLIER APPLICATION NUMBER: 19726167.1  
; EARLIER FILING DATE: 1997-06-20  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 12  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-099-307-12

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACCTG 876  
Db 5 TGAAGCAGCCTG 18

RESULT 1155  
US-09-099-307-13/c  
; Sequence 13, Application US/09099307A  
; Patent No. 6221633  
; GENERAL INFORMATION:  
; APPLICANT: ERTL, JOHANN  
; APPLICANT: HABERMANN, PAUL  
; APPLICANT: GEISEN, KARL  
; APPLICANT: SEIPKE, GERHARD  
; TITLE OF INVENTION: NOVEL INSULIN DERIVATIVES HAVING A RAPID ONSET OF ACTION  
; FILE REFERENCE: 02481.1597-00000  
; CURRENT APPLICATION NUMBER: US/09/099.307A  
; CURRENT FILING DATE: 1998-06-18  
; EARLIER APPLICATION NUMBER: 19726167.1  
; EARLIER FILING DATE: 1997-06-20  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 13  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-099-307-13

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGAAGCAGTACCTG 876  
Db 14 TGAAGCAGCCTG 1

RESULT 1156  
US-09-430-911A-6/c  
; Sequence 6, Application US/09430911A  
; Patent No. 6238923  
; GENERAL INFORMATION:  
; APPLICANT: Passmore, Steven E.  
; APPLICANT: Marykwas, Donna L.  
; TITLE OF INVENTION: METHOD FOR MULTIFRAGMENT IN VIVO  
; TITLE OF INVENTION: CLONING AND MUTATION MAPPING  
; NUMBER OF SEQUENCES: 8  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Steven Passmore  
; STREET: 702 Concart St.  
; CITY: Hattiesburg  
; STATE: Mississippi  
; COUNTRY: USA  
; ZIP: 39401  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 INCH, 1.44 MB STORAGE  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: MS-DOS 6  
; SOFTWARE: WordPerfect 3.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/430,911A  
; FILING DATE: 01-NOV-1999  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,322A  
; FILING DATE: January 13, 1996  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (601) 585-6008  
; TELEFAX: (601) 585-8986  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: Other nucleic acid (Synthetic DNA)  
US-09-430-911A-6

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 TGTTCCTTTCAG 930  
Db 14 TGTTCCTTTCAG 1

RESULT 1157  
US-09-632-580A-15/c  
; Sequence 15, Application US/09632580A  
; Patent No. 6255111  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-4 EXPRESSION  
; FILE REFERENCE: RTS-0054  
; CURRENT APPLICATION NUMBER: US/09/632,580A  
; CURRENT FILING DATE: 2000-07-31  
; NUMBER OF SEQ ID NOS: 93  
; SEQ ID NO 15  
; LENGTH: 18  
; TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-632-580A-15

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 6.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 507 GGGCTACCTGGAGA 520
    |||||
Db 18 GGGCAACCTGGAGA 5

RESULT 1158
US-09-196-387-6/c
; Sequence 6, Application US/09196387
; Patent No. 6277613
; GENERAL INFORMATION:
; APPLICANT: de Lange, Titia
; APPLICANT: Smith, Susan
; TITLE OF INVENTION: A PROTEIN THAT BINDS TO TRF1 AND METHODS
; TITLE OF INVENTION: OF USE THEREOF
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/09/196,387
; FILING DATE:
; APPLICATION DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; FILING DATE:
; APPLICATION NUMBER: 09/095,225
; FILING DATE: June 10, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-230 CIP1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
; HYPOTHETICAL: NO
US-09-196-387-6

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 6.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1593 CGTGTGGACACCG 1606
    |||||
Db 16 CGTGTGGACGCG 3

RESULT 1159
US-09-430-921A-6/c
```

```
; Sequence 6, Application US/09430921A
; Patent No. 6277639
; GENERAL INFORMATION:
; APPLICANT: Passmore, Steven E.
; APPLICANT: Marykwas, Donna L.
; TITLE OF INVENTION: METHOD FOR MULTIFRAGMENT IN VIVO
; TITLE OF INVENTION: CLONING AND MUTATION MAPPING
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Steven Passmore
; STREET: 702 Concart St.
; CITY: Hattiesburg
; STATE: Mississippi
; COUNTRY: USA
; ZIP: 39401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS 6
; SOFTWARE: WordPerfect 3.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/430,921A
; FILING DATE: 01-NOV-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,322A
; FILING DATE: January 13, 1996
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (601) 585-6008
; TELEFAX: (601) 585-8986
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid (Synthetic DNA)
US-09-430-921A-6

Query Match          0.7%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 6.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 TGTCTCTGTTCCAG 930
    |||||
Db 14 TGTCTCTGTTCCAG 1

RESULT 1160
US-08-483-211A-57
; Sequence 57, Application US/08483211A
; Patent No. 6309853
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; TITLE OF INVENTION: USES THEREOF
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,211A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
```

;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/485,943  
;; FILING DATE: June 7, 1995  
;; APPLICATION NUMBER: 08/438,431  
;; FILING DATE: May 10, 1995  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/347,563  
;; FILING DATE: No. 6309853ember 30, 1994  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/292,345  
;; FILING DATE: August 17, 1994  
;; CLASSIFICATION: 514  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Jackson Esq., David A.  
;; REGISTRATION NUMBER: 26,742  
;; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 201 487-5800  
;; TELEFAX: 201 343-1684  
;; TELEX: 133521  
;; INFORMATION FOR SEQ ID NO: 57:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (primer)  
;; DESCRIPTION: sequence tagged-site specific PCR primer sws1174  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; ORIGINAL SOURCE:  
;; ORGANISM: Human  
;;  
US-08-488-223A-57

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 584 TATCTGAGATTGCG 597  
Db 3 TATCTGACATTGCG 16

RESULT 1161  
US-08-488-223A-57  
; Sequence 57, Application US/08488223A  
; Patent No. 6350730  
; GENERAL INFORMATION:  
; APPLICANT: THE ROCKFELLER UNIVERSITY  
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC  
; ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USES THE

;; NUMBER OF SEQUENCES: 98  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESS: Klauber & Jackson  
;; STREET: 411 Hackensack Avenue  
;; CITY: Hackensack  
;; STATE: New Jersey  
;; COUNTRY: USA  
;; ZIP: 07601  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patentin Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/488,223A  
;; FILING DATE: 07-Jun-1995  
;; CLASSIFICATION: <Unknown>  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/485,943  
;; FILING DATE: <Unknown>

;; APPLICATION NUMBER: 08/347,563  
;; FILING DATE: No. 6350730ember 30, 1994  
;; APPLICATION NUMBER: 08/292,345  
;; FILING DATE: August 17, 1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Jackson Esq., David A.  
;; REGISTRATION NUMBER: 26,742  
;; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 201 487-5800  
;; TELEFAX: 201 343-1684  
;; TELEX: 133521  
;; INFORMATION FOR SEQ ID NO: 57:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (primer)  
;; DESCRIPTION: sequence tagged-site specific PCR primer sws1174  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; ORIGINAL SOURCE:  
;; ORGANISM: Human  
;;  
US-08-488-223A-57

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 584 TATCTGAGATTGCG 597  
Db 3 TATCTGACATTGCG 16

RESULT 1162  
US-08-679-645-1157  
; Sequence 1157, Application US/08679645  
; Patent No. 6350934  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; APPLICANT: Edington, Brent E.  
; APPLICANT: McSwiggen, James A.  
; APPLICANT: Merlo, Patricia Ann Owens  
; APPLICANT: Guo, Lining  
; APPLICANT: Skokut, Thomas A.  
; APPLICANT: Young, Scott A.  
; APPLICANT: Folkerts, Otto  
; APPLICANT: Merlo, Donald J.  
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
; NUMBER OF SEQUENCES: 1263  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/679,645  
; FILING DATE: July 12, 1996  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1157:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-1157

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 85.7%; Pred. No. 6.3e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 110 CCCCGCCGATCGCC 123  
Db 4 CCCCGCCGATCGCC 17

RESULT 1163  
US-08-679-645-1159  
Sequence 1159, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1159:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-1159

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 85.7%; Pred. No. 6.3e+02;  
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 110 CCCCGCCGATCGCC 123  
Db 1 CCCCGCCGATCGCC 14

RESULT 1164  
US-08-438-431A-57  
Sequence 57, Application US/08438431A  
Patent No. 6429290  
GENERAL INFORMATION:  
APPLICANT: JERREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI  
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND F  
NUMBER OF SEQUENCES: 99  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Klauber & Jackson  
STREET: 411 Hackensack Avenue  
CITY: Hackensack  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07601  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/438,431A  
FILING DATE: May 10, 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/347,563  
FILING DATE: No. 6429290ember 30, 1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/292,345  
FILING DATE: August 17, 1994  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Jackson Esq., David A.  
REGISTRATION NUMBER: 26,742  
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1  
TELEPHONE: 201 487-5900  
TELEFAX: 201 343-1684  
TELEX: 133521  
INFORMATION FOR SEQ ID NO: 57:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (primer)  
DESCRIPTION: sequence tagged-site specific PCR primer sWS1174  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:

ORGANISM: Human  
US-08-438-431A-57

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 584 TATCTGAGATTGGC 597  
|||||  
Db 3 TATCTGACATTGGC 16

RESULT 1165  
US-08-488-225A-57  
; Sequence 57, Application US/08488225A  
; Patent No. 6471956  
; GENERAL INFORMATION:  
; APPLICANT: THE ROCKEFELLER UNIVERSITY  
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING  
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC USE  
; NUMBER OF SEQUENCES: 98  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/488,225A  
; FILING DATE: June 7, 1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/483,211  
; FILING DATE: June 7, 1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/438,431  
; FILING DATE: May 10, 1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/347,563  
; FILING DATE: No. 6471956ember 30, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/232,345  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP2J  
; TELEPHONE: 201 487-5800  
; TELEFAX: 201 343-1684  
; TELEX: 133521  
; INFORMATION FOR SEQ ID NO: 57:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (primer)  
; DESCRIPTION: sequence tagged-site specific PCR primer  
; DESCRIPTION: SWS1174  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; ORIGINAL SOURCE:

ORGANISM: Human  
US-08-488-225A-57

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 584 TATCTGAGATTGGC 597  
|||||  
Db 3 TATCTGACATTGGC 16

RESULT 1166  
US-08-559-390-263/C  
; Sequence 263, Application US/08559390  
; Patent No. 6479261  
; GENERAL INFORMATION:  
; APPLICANT: Abrams, Mark A.  
; APPLICANT: Bauer, S. C.  
; APPLICANT: Braford-Goldberg, Sarah R.  
; APPLICANT: Caparon, Mair H.  
; APPLICANT: Easton, Alan M.  
; APPLICANT: Klein, Barbara K.  
; APPLICANT: McKearn, John P.  
; APPLICANT: Olin, Peter O.  
; APPLICANT: Paik, Kumnan  
; APPLICANT: Polazzi, Joseph O.  
; APPLICANT: Thomas, John W.  
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides  
; NUMBER OF SEQUENCES: 549  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,  
; ADDRESSEE: Corporate Patent Dept.  
; STREET: P. O. Box 5110  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60680  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/559,390  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/411,796  
; FILING DATE:  
; APPLICATION NUMBER: US 07/981044  
; FILING DATE: 24-NOV-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/11198  
; FILING DATE: 22-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bennett, Dennis A.  
; REGISTRATION NUMBER: 34,547  
; REFERENCE/DOCKET NUMBER: C2713/1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (708)470-6501  
; TELEFAX: (708)470-6881  
; INFORMATION FOR SEQ ID NO: 263:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (synthetic)  
; US-08-559-390-263  
; Query Match 0.7%; Score 12.4; DB 1; Length 18;  
; Best Local Similarity 92.9%; Pred. No. 6.3e+02;



Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 133 ATGAAGAAGTCAA 146  
Db 17 ATGAAGAAGACCAA 4

RESULT 1167  
US-09-841-835-6/c  
; Sequence 6, Application US/09841835  
; Patent No. 6505587  
; GENERAL INFORMATION:  
; APPLICANT: de Lange, Titia  
; APPLICANT: Smith, Susan  
; TITLE OF INVENTION: A PROTEIN THAT BINDS TO TRF1 AND METHODS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Klauber & Jackson  
; STREET: 411 Hackensack Avenue, 4th Floor  
; CITY: Hackensack  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07601  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/841,835  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/196,387  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jackson Esq., David A.  
; REGISTRATION NUMBER: 26,742  
; REFERENCE/DOCKET NUMBER: 600-1-230 CIPI  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 201-487-5800  
; TELEFAX: 201-343-1684  
; TELEX: 133521  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "PRIMER"  
; HYPOTHETICAL: NO  
US-09-841-835-6

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1593 CGTGTGGACACCG 1606  
Db 16 CGTGTGGACCGC 3

RESULT 1168  
US-09-187-330-7  
; Sequence 7, Application US/09187330  
; Patent No. 6613740  
; GENERAL INFORMATION:  
; APPLICANT: Gozes, Iilana  
; APPLICANT: Breneman, Douglas E.  
; APPLICANT: Bassan, Merav  
; APPLICANT: Zamostiano, Rachel

; APPLICANT: The Government of the United States of America  
; APPLICANT: as represented by the Secretary of the  
; APPLICANT: Department of Health and Human Services  
; TITLE OF INVENTION: Activity Dependent Neurotrophic Factor III (ADNF III)  
; FILE REFERENCE: 015280-291200US  
; CURRENT APPLICATION NUMBER: US/09/187,330  
; CURRENT FILING DATE: 1998-11-06  
; EARLIER APPLICATION NUMBER: US 60/037,404  
; EARLIER FILING DATE: 1997-02-07  
; EARLIER APPLICATION NUMBER: WO PCT/US98/02485  
; EARLIER FILING DATE: 1998-02-06  
; NUMBER OF SEQ ID NOS: 63  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 7  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:sense primer  
; OTHER INFORMATION: for amplification of ADNF III CDNA  
US-09-187-330-7

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1722 CCATGTTCACTGC 1735  
Db 3 CAATGTTCACTGC 16

RESULT 1169  
PCT-US91-03056-6  
; Sequence 6, Application PC/TUS9103056  
; GENERAL INFORMATION:  
; APPLICANT: Vakharia, Vikram  
; TITLE OF INVENTION: SPECIFIC DNA AND RNA SEQUENCES  
; TITLE OF INVENTION: ASSOCIATED WITH US 1BDV VARIANTS, VECTOR CARRYING DNA  
; TITLE OF INVENTION: SEQUENCES, HOST CARRYING CLONED VECTOR, DEDUCED AMINO ACID  
; TITLE OF INVENTION: SEQUENCES, VACCINE AND METHOD OF VACCINATION  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Viviana Amzel, Ph.D.  
; STREET: 112 East Pecan, 2000 NBC Bank Plaza  
; CITY: San Antonio  
; STATE: Texas  
; COUNTRY: USA  
; ZIP: 78205  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/03056  
; FILING DATE: 19910718  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/514,202  
; FILING DATE: 14-MAY-1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Amzel Ph.D. Viviana  
; REGISTRATION NUMBER: 30,930  
; REFERENCE/DOCKET NUMBER: U-0125.02  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 512/554-5325  
; TELEFAX: 512/226-8395  
; TELEX: 762609  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: both

TOPOLOGY: linear  
PCT-US91-03056-6

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1067 CAAAGACATCTCC 1080  
|||||  
Db 3 CAAAGACATCTCC 16

RESULT 1170  
PCT-US92-00626-2/c  
; Sequence 2, Application PC/TUS9200626  
; GENERAL INFORMATION:  
; APPLICANT: ROSENBERG, ROBERT D  
; APPLICANT: SIMONS, MICHAEL  
; APPLICANT: EDELMAN, ELAZER  
; APPLICANT: LANGER, ROBERT S  
; APPLICANT: DEKISER, JEAN-LUC  
; TITLE OF INVENTION: LOCALIZED OLIGONUCLEOTIDE THERAPY  
; NUMBER OF SEQUENCES: 5  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: TESTA HURWITZ & THIBEAULT  
; STREET: EXCHANGE PLACE, 53 STATE STREET  
; CITY: BOSTON  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US92/00626  
FILING DATE: 19921105  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 792,146  
FILING DATE: 08-NOV-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 723,454  
FILING DATE: 28-JUN-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: PITCHER ESO, EDMUND R  
REGISTRATION NUMBER: 27,829  
REFERENCE/DOCKET NUMBER: MITS583CP2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617/248-7000  
TELEFAX: 617/248-7100  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
ANTI-SENSE: YES  
FEATURE:  
NAME/KEY: misc feature  
LOCATION: 1..18  
OTHER INFORMATION: /standard\_name= "ANTISENSE HUMAN"  
OTHER INFORMATION: NMHC  
OTHER INFORMATION: /note= "ANTISENSE SEQUENCE TO HUMAN NMHC"

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1216 TCCACGGTGGAGGA 1229

Db 18 TCCAAAGGTGGAGGA 5  
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RESULT 1171  
PCT-US93-11198-263/c  
; Sequence 263, Application PC/TUS9311198  
; GENERAL INFORMATION:  
; APPLICANT: Abrams, Mark A.  
; APPLICANT: Bauer, S. C.  
; APPLICANT: Braford-Goldberg, Sarah R.  
; APPLICANT: Caparon, Mairé H.  
; APPLICANT: Easton, Alan M.  
; APPLICANT: Klein, Barbara K.  
; APPLICANT: McKearn, John P.  
; APPLICANT: Olins, Peter O.  
; APPLICANT: Paik, Kumnun  
; APPLICANT: Polazzi, Joseph O.  
; APPLICANT: Thomas, John W.  
; TITLE OF INVENTION: Interleukin-3 (IL-3) Mutant Polypeptides  
; NUMBER OF SEQUENCES: 549  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dennis A. Bennett, G.D. Searle & Co.,  
; ADDRESSEE: Corporate Patent Dept.  
; STREET: P. O. Box 5110  
; CITY: Chicago  
; STATE: Illinois  
; COUNTRY: USA  
; ZIP: 60680

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/11198  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/981044  
FILING DATE: 24-NOV-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Bennett, Dennis A.  
REGISTRATION NUMBER: 34,547  
REFERENCE/DOCKET NUMBER: C2713/1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (708) 470-6501  
TELEFAX: (708) 470-6881  
INFORMATION FOR SEQ ID NO: 263:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (synthetic)

Query Match 0.7%; Score 12.4; DB 1; Length 18;  
Best Local Similarity 92.9%; Pred. No. 6.3e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 133 ATGAAGAAGATCAA 146  
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Db 17 ATGAAGAAGACCAA 4

RESULT 1172  
US-08-631-200-20  
; Sequence 20, Application US/08631200  
; Patent No. 5646040  
; GENERAL INFORMATION:  
; APPLICANT: Kleytn, Patrick W.  
; APPLICANT: Moore, Karen J.

RESULT 1173  
US-08-363-233B-7  
; Sequence 7, Application US/08363233B  
; Patent No. 5714383  
; GENERAL INFORMATION:  
; APPLICANT: Thompson, James D.  
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATING CHRONIC  
; TITLE OF INVENTION: MYELOGENOUS LEUKEMIA  
; NUMBER OF SEQUENCES: 39  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSEQ for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/363,233B  
; FILING DATE: December 23, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:

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1  PRIOR APPLICATION DATA: including application
2  PRIOR APPLICATION DATA: described below:
3  APPLICATION NUMBER: 07/882,822
4  FILING DATE: May 14, 1992
5  APPLICATION NUMBER: 08/193,922
6  FILING DATE: February 7, 1994
7  ATTORNEY/AGENT INFORMATION:
8  NAME: Warburg, Richard J.
9  REGISTRATION NUMBER: 32,327
10 REFERENCE/DOCKET NUMBER: 209/165
11 TELECOMMUNICATION INFORMATION:
12 TELEPHONE: (213) 489-1600
13 TELEFAX: (213) 955-0440
14 TELEX: 67-3510
15 INFORMATION FOR SEQ ID NO: 7:
16 SEQUENCE CHARACTERISTICS:
17 LENGTH: 19 base pairs
18 TYPE: nucleic acid
19 STRANDEDNESS: single
20 TOPOLOGY: linear
21
22 US-08-363-233B-7
23
24 Query Match 0.7%; Score 12.4; DB 1; Length 19;
25 Best Local Similarity 71.4%; Pred. No. 6.9e+02;
26 Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
27
28 QY 522 GCTGACCTCAATA 535
29 ||:||||:||||
30 Db 3 GCUGACCAUCAA 16
31
32 RESULT 1174
33 US-08-446-919A-8
34 Sequence 8, Application US/08446919A
35 Patent No. 5736389
36 GENERAL INFORMATION:
37 APPLICANT: Kinzler, Kenneth W.
38 APPLICANT: Vogelstein, Bert
39 TITLE OF INVENTION: EB1 Gene Product Binds to APC
40 NUMBER OF SEQUENCES: 12
41 CORRESPONDENCE ADDRESS:
42 ADDRESS: Banner & Allegretti, Ltd.
43 STREET: 1001 G Street, N.W.
44 CITY: Washington
45 STATE: D.C.
46 COUNTRY: U.S.
47 ZIP: 20001-4597
48 COMPUTER READABLE FORM:
49 MEDIUM TYPE: Floppy disk
50 COMPUTER: IBM PC compatible
51 OPERATING SYSTEM: PC-DOS/MS-DOS
52 SOFTWARE: PatentIn Release #1.0, Version #1.25
53 CURRENT APPLICATION DATA:
54 APPLICATION NUMBER: US/08/446,919A
55 FILING DATE:
56 CLASSIFICATION: 544
57 ATTORNEY/AGENT INFORMATION:
58 NAME: Kagan, Sarah A.
59 REGISTRATION NUMBER: 32,141
60 REFERENCE/DOCKET NUMBER: 01107.49255
61 TELECOMMUNICATION INFORMATION:
62 TELEPHONE: 202.508.9100
63 TELEFAX: 202.508.9299
64 INFORMATION FOR SEQ ID NO: 8:
65 SEQUENCE CHARACTERISTICS:
66 LENGTH: 19 base pairs
67 TYPE: nucleic acid
68 STRANDEDNESS: single
69 TOPOLOGY: linear
70 MOLECULE TYPE: cdna
71 HYPOTHETICAL: NO
72 ANTI-SENSE: NO
73
74 US-08-446-919A-8

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Query Match 0.7%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 6.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 449 TCTCCACTGAGGAC 462  
Db 4 TCTCCACTGAGGTC 17

RESULT 1175  
US-08-446-919A-12  
Sequence 12, Application US/08446919A  
Patent No. 5736389  
GENERAL INFORMATION:  
APPLICANT: Kinzler, Kenneth W.  
TITLE OF INVENTION: EB1 Gene Product Binds to APC  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Allegretti, Ltd.  
STREET: 1001 G Street, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.  
ZIP: 20001-4597  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/446,919A  
FILING DATE:  
CLASSIFICATION: 544  
ATTORNEY/AGENT INFORMATION:  
NAME: Kagan, Sarah A.  
REGISTRATION NUMBER: 32,141  
REFERENCE/DOCKET NUMBER: 01107.49255  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202.508.9100  
TELEFAX: 202.508.9299  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cdna  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-446-919A-12

Query Match 0.7%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 6.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 449 TCTCCACTGAGGAC 462  
Db 4 TCTCCACTGAGGTC 17

RESULT 1176  
US-08-829-553-20  
Sequence 20, Application US/08829553  
Patent No. 5817762  
GENERAL INFORMATION:  
APPLICANT: Klevy, Patrick W.  
APPLICANT: Moore, Karen J.  
TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND  
DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY  
NUMBER OF SEQUENCES: 59  
CORRESPONDENCE ADDRESS:

ADDRESSES: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/829,553  
FILING DATE: 28-MAR-1997  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/631,200  
FILING DATE: 12-APR-1996  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A.  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7853-057  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA  
US-08-829-553-20

Query Match 0.7%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 6.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 237 TGGTGGCGGCGAGTG 250  
Db 6 TGGTGGCGGCGAGTG 19

RESULT 1177  
US-08-117-952-247/c  
Sequence 247, Application US/08117952  
Patent No. 5851760  
GENERAL INFORMATION:  
APPLICANT: Evans, Glen A.  
APPLICANT: Smith, Michael W.  
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
SAMPLED MAPS OF COMPLEX GENOMES  
NUMBER OF SEQUENCES: 797  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pretty, Schroeder, Bruggemann & Clark  
STREET: 444 South Flower Street, Suite 2000  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/117,952  
FILING DATE: 07-SEP-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,471  
FILING DATE: 15-JUN-1993



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/ Patent No. 5871931
/ GENERAL INFORMATION:
/ APPLICANT: Klevn, Patrick W.
/ APPLICANT: Moore, Karen J.
/ TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
/ TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/936,707A
/ FILING DATE: 24-SEP-1997
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7853-100
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 790-9090
/ TELEX: 66141 PENNIE
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-936-707A-20

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 237 TGGTGGCGGCGAGTG 250
Db 6 TGGTGGAGGCGAGTG 19

RESULT 1181
US-08-936-706A-20
/ Sequence 20, Application US/08936706A
/ Patent No. 5876919
/ GENERAL INFORMATION:
/ APPLICANT: Klevn, Patrick W.
/ APPLICANT: Moore, Karen J.
/ TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
/ TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/936,706A
/ FILING DATE: 24-SEP-1997
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7853-100
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 790-9090
/ TELEX: 66141 PENNIE
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-936-707A-20

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 237 TGGTGGCGGCGAGTG 250
Db 6 TGGTGGAGGCGAGTG 19

RESULT 1181
US-08-936-706A-20
/ Sequence 20, Application US/08936706A
/ Patent No. 5876919
/ GENERAL INFORMATION:
/ APPLICANT: Klevn, Patrick W.
/ APPLICANT: Moore, Karen J.
/ TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
/ TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/936,706A
/ FILING DATE: 24-SEP-1997
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7853-100
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 790-9090
/ TELEX: 66141 PENNIE
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-936-707A-20

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 237 TGGTGGCGGCGAGTG 250
Db 6 TGGTGGAGGCGAGTG 19

RESULT 1182
US-09-248-203-20
/ Sequence 20, Application US/09248203
/ Patent No. 6043346
/ GENERAL INFORMATION:
/ APPLICANT: Klevn, Patrick W.
/ APPLICANT: Moore, Karen J.
/ TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
/ TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/248,203
/ FILING DATE: 24-SEP-1997
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7853-100
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 790-9090
/ TELEX: 66141 PENNIE
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-09-248-203-20
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/ FILING DATE: 24-SEP-1997
/ CLASSIFICATION: 530
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7853-099
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 790-9090
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-08-936-706A-20

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 237 TGGTGGCGGCGAGTG 250
Db 6 TGGTGGAGGCGAGTG 19

RESULT 1182
US-09-248-203-20
/ Sequence 20, Application US/09248203
/ Patent No. 6043346
/ GENERAL INFORMATION:
/ APPLICANT: Klevn, Patrick W.
/ APPLICANT: Moore, Karen J.
/ TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
/ TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
/ NUMBER OF SEQUENCES: 60
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Pennie & Edmonds LLP
/ STREET: 1155 Avenue of the Americas
/ CITY: New York
/ STATE: New York
/ COUNTRY: U.S.A.
/ ZIP: 10036-2711
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/248,203
/ FILING DATE: 24-SEP-1997
/ CLASSIFICATION: 514
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Coruzzi, Laura A.
/ REGISTRATION NUMBER: 30,742
/ REFERENCE/DOCKET NUMBER: 7853-100
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (212) 790-9090
/ TELEX: 66141 PENNIE
/ INFORMATION FOR SEQ ID NO: 20:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ US-09-248-203-20
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Query Match 0.7%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 6.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 237 TGGTGGCGGCGAGTG 250  
Db 6 TGGTGGAGGCGAGTG 19

RESULT 1183  
US-08-894-173-9  
; Sequence 9, Application US/08894173A  
; Patent No. 6090612  
; GENERAL INFORMATION:  
; APPLICANT: Medical Research Council  
; TITLE OF INVENTION: Adenylate cyclase and uses therefor  
; FILE REFERENCE: P14716C  
; CURRENT APPLICATION NUMBER: US/08/894,173A  
; CURRENT FILING DATE: 1997-08-13  
; NUMBER OF SEQ ID NOS: 97  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: STRANDEDNESS : Single  
; FEATURE:  
; OTHER INFORMATION: TOPOLOGY : Linear  
; FEATURE:  
; OTHER INFORMATION: MOLECULE TYPE : cDNA  
; FEATURE:  
; OTHER INFORMATION: HYPOTHETICAL : NO  
; FEATURE:  
; OTHER INFORMATION: ANTI-SENSE : YES  
; FEATURE:  
; OTHER INFORMATION: CELL LINE : AtT20  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:PCR Primer to  
; OTHER INFORMATION: cDNA clone jpl34 of Att20  
US-08-894-173-9

Query Match 0.7%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 6.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 767 TCAAGGACCTCAAA 780  
Db 3 TCAATGACCTCAAA 16

RESULT 1184  
US-09-050-159-27/c  
; Sequence 27, Application US/09050159A  
; Patent No. 6197505  
; GENERAL INFORMATION:  
; APPLICANT: No. 6197505berg, Leif T  
; APPLICANT: Andersson, Maria K  
; APPLICANT: Linstrom, Per H  
; TITLE OF INVENTION: METHODS FOR ASSESSING CARDIOVASCULAR STATUS AND  
; TITLE OF INVENTION: COMPOSITIONS FOR USE THEREOF  
; FILE REFERENCE: 1248/1D042  
; CURRENT APPLICATION NUMBER: US/09/050,159A  
; CURRENT FILING DATE: 1998-03-27  
; EARLIER APPLICATION NUMBER: 60/042,930  
; EARLIER FILING DATE: 1987-04-03  
; NUMBER OF SEQ ID NOS: 133  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 27  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER  
US-09-050-159-27

Query Match 0.7%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 6.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 342 CTTGAAGATGGGGT 355  
Db 17 CTGGAGATGGGGT 4

RESULT 1185  
US-09-398-193-9  
; Sequence 9, Application US/09398193  
; Patent No. 6197581  
; GENERAL INFORMATION:  
; APPLICANT: Medical Research Council  
; TITLE OF INVENTION: Adenylate cyclase and uses therefor  
; FILE REFERENCE: P24360-  
; CURRENT APPLICATION NUMBER: US/09/398,193  
; CURRENT FILING DATE: 1999-09-17  
; NUMBER OF SEQ ID NOS: 104  
; SOFTWARE: Patent In Ver. 2.1  
; SEQ ID NO 9  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: STRANDEDNESS : Single  
; FEATURE:  
; OTHER INFORMATION: TOPOLOGY : Linear  
; FEATURE:  
; OTHER INFORMATION: MOLECULE TYPE : cDNA  
; FEATURE:  
; OTHER INFORMATION: HYPOTHETICAL : NO  
; FEATURE:  
; OTHER INFORMATION: ANTI-SENSE : YES  
; FEATURE:  
; OTHER INFORMATION: CELL LINE : AtT20  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:PCR Primer to  
; OTHER INFORMATION: cDNA clone jpl34 of Att20  
US-09-398-193-9

Query Match 0.7%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 6.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 767 TCAAGGACCTCAAA 780  
Db 3 TCAATGACCTCAAA 16

RESULT 1186  
US-09-406-071-20  
; Sequence 20, Application US/09406071  
; Patent No. 6207368  
; GENERAL INFORMATION:  
; APPLICANT: Kieyn, Patrick W.  
; APPLICANT: Moore, Karen J.  
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND  
; TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY  
; NUMBER OF SEQUENCES: 60  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/406,071  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/936,707  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Coruzzi, Laura A.  
; REGISTRATION NUMBER: 30,742  
; REFERENCE/DOCKET NUMBER: 7853-100  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-9741/8864  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 20:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
US-09-406-071-20  
Query Match 0.7%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 6.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 237 TGGTGGCGGCGAGTG 250  
DB 6 TGGTGGAGGCGAGTG 19  
RESULT 1187  
US-09-091-952A-162  
; Sequence 162, Application US/09091952A  
; Patent No. 6458532  
; GENERAL INFORMATION:  
; APPLICANT: Detera-Wadleigh, Sevilla D.  
; Gershon, Elliot S.  
; Badner, Judith A.  
; Goldin, Lynn R.  
; Berrettini, Wade H.  
; Yoshikawa, Takeo  
; Sanders, Alan R.  
; Esterling, Lisa E.  
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic  
; NUMBER OF SEQUENCES: 197  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/091,952A  
; FILING DATE: 19-Apr-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/029,278  
; FILING DATE: 28-OCT-1996  
; APPLICATION NUMBER: PCT/US97/19381

; FILING DATE: 28-OCT-1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Smith, Timothy L.  
; REGISTRATION NUMBER: 35,367  
; REFERENCE/DOCKET NUMBER: 015280-297100US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; TELEX: <Unknown>  
; INFORMATION FOR SEQ ID NO: 162:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; FEATURE:  
; NAME/KEY: -  
; LOCATION: 1...19  
; OTHER INFORMATION: Clone 30 forward primer  
; SEQUENCE DESCRIPTION: SEQ ID NO: 162:  
US-09-091-952A-162  
Query Match 0.7%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 6.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 308 CACTCAGCTCTGCA 321  
DB 3 CACTCAGCTCTGTA 16  
RESULT 1188  
US-09-402-690-15/c  
; Sequence 15, Application US/09402690  
; Patent No. 6475727  
; GENERAL INFORMATION:  
; APPLICANT: Kufer, Peter  
; APPLICANT: Zippelius, Alfred  
; TITLE OF INVENTION: PRIMERS AND METHODS FOR THE DETECTION OF  
; TITLE OF INVENTION: DISSEMINATED TUMOR CELLS  
; FILE REFERENCE: VOSS1100  
; CURRENT APPLICATION NUMBER: US/09/402,690  
; CURRENT FILING DATE: 1999-12-17  
; PRIOR APPLICATION NUMBER: PCT/EP98/02081  
; PRIOR FILING DATE: 1998-04-09  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 15  
; LENGTH: 19  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: oligonucleotide  
US-09-402-690-15  
Query Match 0.7%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 6.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
QY 1386 CCTCTCACCACAGC 1399  
DB 15 CCTCTCACCAGC 2  
RESULT 1189  
US-09-446-081-6  
; Sequence 6, Application US/09446081  
; Patent No. 6518023  
; GENERAL INFORMATION:  
; APPLICANT: LVTX Therapeutics, Inc.  
; TITLE OF INVENTION: High resolution physical maps of genomic DNA  
; NUMBER OF SEQUENCES: 27



```

CORRESPONDENCE ADDRESS:
ADDRESS: Denlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94306

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1/DOS 5.0
SOFTWARE: Microsoft Word for Windows, vers. 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/446,081
FILING DATE: 27-Mar-2000
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/884,189
FILING DATE: 27-JUN-97
ATTORNEY/AGENT INFORMATION:
NAME: Vincent M. Powers
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0036.41
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 nucleotides
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-446-081-6

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 669 CAAAGCAGCGCA 682
DB 1 CAAAGCAGCGCA 14

RESULT 1190
US-09-422-978-5164
; Sequence 5164, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5164
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-22160 for SEQ 1230,
US-09-422-978-5164

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 669 CAAAGCAGCGCA 682
DB 1 CAAAGCAGCGCA 14

RESULT 1190
US-09-422-978-5164
; Sequence 5164, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5164
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-22160 for SEQ 1230,
US-09-422-978-5164

CORRESPONDENCE ADDRESS:
ADDRESS: Denlinger & Associates
STREET: P.O. Box 60850
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94306

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1/DOS 5.0
SOFTWARE: Microsoft Word for Windows, vers. 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/446,081
FILING DATE: 27-Mar-2000
CLASSIFICATION: <Unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/884,189
FILING DATE: 27-JUN-97
ATTORNEY/AGENT INFORMATION:
NAME: Vincent M. Powers
REGISTRATION NUMBER: 36,246
REFERENCE/DOCKET NUMBER: 5525-0036.41
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 324-0880
TELEFAX: (650) 324-0960
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 nucleotides
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-446-081-6

Query Match 0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 669 CAAAGCAGCGCA 682
DB 1 CAAAGCAGCGCA 14

RESULT 1190
US-09-422-978-5164
; Sequence 5164, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5164
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-22160 for SEQ 1230,
US-09-422-978-5164

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; OTHER INFORMATION: downstream amplification primer 99-17845 for SEQ 863, in compleme
US-09-422-978-8728

Query Match          0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 827 CCTCAGCTGTC 840
    |||||
Db 18 CCTCAGCTGTC 5

RESULT 1193
US-09-230-652-92/c
; Sequence 92, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joute, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 92
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-92

Query Match          0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 158 CAATGACACTCCGA 171
    |||||
Db 18 CAATGACAGTCCGA 5

RESULT 1194
US-09-755-665-74/c
; Sequence 74, Application US/09755665
; Patent No. 6600019
; GENERAL INFORMATION:
; APPLICANT: Prayaga, Sudhirdas K.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tailon, Bruce E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: MacDougall, John
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-631
; CURRENT APPLICATION NUMBER: US/09/755,665
; CURRENT FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: U.S.S.N. 60/174,724
; PRIOR FILING DATE: 2000-01-06
; NUMBER OF SEQ ID NOS: 118
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 74
; LENGTH: 19
; TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-09-755-665-74

Query Match          0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 924 GTTCCAGCTGCTCC 937
    |||||
Db 17 GTTCCAGCTGCTCC 4

RESULT 1195
US-09-785-381-7/c
; Sequence 7, Application US/09785381
; Patent No. 6802992
; GENERAL INFORMATION:
; APPLICANT: DALLOS, Peter
; APPLICANT: ZHENG, Jing
; APPLICANT: MADISON, Laird
; TITLE OF INVENTION: A MAMMALIAN PRESTIN
; FILE REFERENCE: 0290-37U1
; CURRENT APPLICATION NUMBER: US/09/785,381
; CURRENT FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/183,461
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Pres-specific Primer, sense
US-09-785-381-7

Query Match          0.7%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 6.9e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 927 CCAGCTGCTCCGTG 940
    |||||
Db 19 CCAGCGGCTCCGTG 6

RESULT 1196
US-09-814-986-20
; Sequence 20, Application US/09814986
; Patent No. 6605437
; GENERAL INFORMATION:
; APPLICANT: Kley, Patrick W.
; APPLICANT: Moore, Karen J.
; TITLE OF INVENTION: COMPOSITIONS FOR THE TREATMENT AND
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/814,986
; FILING DATE: 22-Mar-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/936,707
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/ FILING DATE: 24-SEP-1997  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Coruzzi, Laura A.  
/ REGISTRATION NUMBER: 30,742  
/ REFERENCE/DOCKET NUMBER: 7853-100  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (212) 790-9090  
/ TELEFAX: (212) 869-9741/8864  
/ TELELEX: 66141 PENNIE  
/ INFORMATION FOR SEQ ID NO: 20:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 19 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ MOLECULE TYPE: DNA  
/ SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
US-09-814-986-20

Query Match 0.7%; Score 12.4; DB 1; Length 19;  
Best Local Similarity 92.9%; Pred. No. 6.9e+02;  
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 237 TGGTGGCGGCGAGTG 250  
| | | | | | | | | | | | | | | | | | | | |  
Db 6 TGGTGGAGGCGAGTG 19

RESULT 1197  
US-09-866-108A-9023  
; Sequence 9023, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Jiongqiang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aescima Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 9023  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-9023

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 862 CTGAAGCAGTACTCGGA 878  
| | | | | | | | | | | | | | | | | | | | |  
Db 1 CTGGAGAGTACGTGGA 17

RESULT 1198  
US-08-009-263C-37/c  
; Sequence 37, Application US/08009263C  
; Patent No. 5442049  
; GENERAL INFORMATION:  
; APPLICANT: Kevin Anderson, Kenneth Draper, Brenda Baker  
; TITLE OF INVENTION: Oligonucleotides for Modulating the  
; TITLE OF INVENTION: Effects of Cytomegalovirus Infections  
; NUMBER OF SEQUENCES: 88  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz  
; ADDRESSEE: Mackiewicz & No. 5442049ris  
; STREET: One Liberty Place -- 46th floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM PS/2  
; OPERATING SYSTEM: PC-DOS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/009,263C  
; FILING DATE: January 25, 1993  
; CLASSIFICATION: 514  
; PRIOR APPLICATION NUMBER:  
; APPLICATION NUMBER: 927,506  
; FILING DATE: NO. 5442049ember 19, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISIS-0844  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (215) 568-3100  
; TELEFAX: (215) 568-3439  
; INFORMATION FOR SEQ ID NO: 37:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-009-263C-37

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 130 CGGATGAAGAAGATCAA 146  
| | | | | | | | | | | | | | | | | | | | |  
Db 17 CGCAGAGAGAGAGACAA 1

RESULT 1199  
US-08-217-016-3/c  
; Sequence 3, Application US/08217016  
; Patent No. 5474981  
; GENERAL INFORMATION:  
; APPLICANT: Leder, Philip  
; APPLICANT: Luster, Andrew

;; TITLE OF INVENTION: USE OF THE CYTOKINE IP-10 AS  
;; TITLE OF INVENTION: AN ANTI-TUMOR AGENT  
;; NUMBER OF SEQUENCES: 3  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Fish & Richardson  
;; STREET: 225 Franklin Street  
;; CITY: Boston  
;; STATE: Massachusetts  
;; COUNTRY: U.S.A.  
;; ZIP: 02110-2804  
;;  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
;; COMPUTER: IBM PS/2 Model 502 or 55SX  
;; OPERATING SYSTEM: MS-DOS (Version 5.0)  
;; SOFTWARE: Wordperfect (Version 5.1)  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/217,016  
;; FILING DATE:  
;; CLASSIFICATION: 514  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 07/935,587  
;; FILING DATE: August 26, 1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Clark, Paul T.  
;; REGISTRATION/DOCKET NUMBER: 30,162  
;; REFERENCE/DOCKET NUMBER: 00383/020001  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (617) 542-5070  
;; TELEFAX: (617) 542-8906  
;; TELEX: 200154  
;; INFORMATION FOR SEQ ID NO: 3:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;;  
US-08-217-016-3  
;  
Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
;  
Qy 1645 CTGGAGGGATGCCACAC 1661  
Db 17 CTGGAGAGAGCCACGC 1  
;  
RESULT 1200  
US-08-061-062A-12/c  
; Sequence 12, Application US/08061062A  
; Patent No. 5550045  
; GENERAL INFORMATION:  
; APPLICANT: MUSTERS, WOUTER  
; APPLICANT: STAM, HEIN  
; APPLICANT: SUYKERBUIJK, MARIA E.  
; APPLICANT: VISSER, JACOB  
; APPLICANT: VERBAKEL, Johannes M.  
; TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA  
; TITLE OF INVENTION: ENCODING A RIPENING FORM OF A POLYPEPTIDE HAVING  
; TITLE OF INVENTION: RHANNOGLACTURONASE ACTIVITY  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CUSHMAN DARBAY & CUSHMAN  
; STREET: 1100 NEW YORK AVENUE, N.W.  
; CITY: WASHINGTON, D.C.  
; COUNTRY: U.S.A.  
; ZIP: 20005-3918  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:

;; APPLICATION NUMBER: US/08/061,062A  
;; FILING DATE: 14 MAY 1993  
;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: KOKULIS, PAUL N.  
;; REGISTRATION/DOCKET NUMBER: 16773  
;; REFERENCE/DOCKET NUMBER: 202390/R 7262 (V)  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (202) 861-3000  
;; TELEFAX: (202) 822-0944  
;; TELEX: 6714627 CUSH  
;; INFORMATION FOR SEQ ID NO: 12:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: DNA (genomic)  
;; IMMEDIATE SOURCE:  
;; CLONE: primer RHGKPN  
;;  
US-08-061-062A-12  
;  
Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
;  
Qy 880 GACTGTGGGAACATCAT 896  
Db 17 GCCAGTGGGAACATCAT 1  
;  
RESULT 1201  
US-08-050-073-175/c  
; Sequence 175, Application US/08050073  
; Patent No. 5567809  
; GENERAL INFORMATION:  
; APPLICANT: Apple, Raymond J.  
; APPLICANT: Begovich, Ann B.  
; APPLICANT: Bugawan, Teodorica L.  
; APPLICANT: Erlich, Henry A.  
; APPLICANT: Griffith, Robert L.  
; APPLICANT: Scharf, Stephen J.  
; TITLE OF INVENTION: Methods and Reagents for HLA DRbeta DNA  
; TITLE OF INVENTION: Typing  
; NUMBER OF SEQUENCES: 315  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hoffmann-La Roche Inc.  
; STREET: 340 Kingsland Street  
; CITY: Nutley  
; STATE: New Jersey  
; COUNTRY: U.S.A.  
; ZIP: 07110  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/050,073  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Petty, Douglas A.  
; REGISTRATION NUMBER: 35,321  
; REFERENCE/DOCKET NUMBER: 8769  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (510) 814-2974  
; TELEFAX: (510) 814-2977  
; INFORMATION FOR SEQ ID NO: 175:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single

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;
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
US-08-050-073-175

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 957 CCGGACAGAGGTGCTAC 973
Db 17 CCGACAGAGGTCTTAC 1

RESULT 1202
US-08-337-268A-12
; Sequence 12, Application US/08337268A
; Patent No. 5589336
; GENERAL INFORMATION:
; APPLICANT: Lee, Soohae
; APPLICANT: Redman, Colvin L.
; TITLE OF INVENTION: Diagnostic Method and Kit for
; TITLE OF INVENTION: Determining Kell Blood Group
; TITLE OF INVENTION: Genotype
; NUMBER OF SEQUENCES: 60
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ronald J. Baron, Esq.
; ADDRESSEE: Hoffmann & Baron
; STREET: 350 Jericho Turnpike
; CITY: Jericho
; STATE: New York
; COUNTRY: USA
; ZIP: 11753
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/337,268A
; FILING DATE: 11-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: No. 5589336e
; ATTORNEY/AGENT INFORMATION:
; NAME: Baron, Ronald J.
; REGISTRATION NUMBER: 29,281
; REFERENCE/DOCKET NUMBER: 454-3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 822-3550
; TELEFAX: (516) 822-3582
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
US-08-337-268A-12

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 359 ATGGGAGAGTGACCAAG 375
Db 1 ATGGGAGAGTGCTCTG 17

RESULT 1203
US-08-344-695-20
; Sequence 20, Application US/08344695
; Patent No. 5614398
; GENERAL INFORMATION:
; APPLICANT: O'BROCHTA, DAVID
; APPLICANT: WARREN, WILLIAM
; APPLICANT: ATKINSON, PETER
; TITLE OF INVENTION: A GENE TRANSFER SYSTEM FOR INSECTS
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/344,695
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/
/ FILING DATE: 18-NOV-1994
/ CLASSIFICATION: 536
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kelber, Steven B.
/ REGISTRATION NUMBER: 30,073
/ REFERENCE/DOCKET NUMBER: 2747-058-27
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703) 413-3000
/ TELEFAX: (703) 413-2220
/ TELEX: 248855 OPAT UR
/ INFORMATION FOR SEQ ID NO: 21:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: unknown
/ TOPOLOGY: unknown
/ MOLECULE TYPE: other nucleic acid
/ US-08-344-695-21

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 455 CTGAGGACATCAACAAG 471
Db 17 CAGAGAACTCAACAAG 1

RESULT 1205
US-07-882-838E-12
/ Sequence 12, Application US/07882838E
/ Patent No. 5616461
/ GENERAL INFORMATION:
/ APPLICANT: Priscilla A. Schaffer
/ APPLICANT: Christine E. Dabrowski Amaral
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
/ TITLE OF INVENTION: TREATMENT OF VIRUS INFECTIONS
/ NUMBER OF SEQUENCES: 49
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Woodcock Washburn
/ STREET: One Liberty Place
/ CITY: Philadelphia
/ STATE: Pennsylvania
/ COUNTRY: U.S.A.
/ ZIP: 19103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ COMPUTER: IBM PS/2 Model 50Z or 55SX
/ OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
/ SOFTWARE: WordPerfect (Version 5.1)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/882,838E
/ FILING DATE: May 14, 1992
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kathryn Leary
/ REGISTRATION NUMBER: 36,317
/ REFERENCE/DOCKET NUMBER: DFCI-0001
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (215) 568-3100
/ TELEFAX: (215) 568-3439
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 12:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-07-882-838E-12

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 455 CTGAGGACATCAACAAG 471
Db 17 CAGAGAACTCAACAAG 1

RESULT 1206
US-08-373-124A-224
/ Sequence 224, Application US/08373124A
/ Patent No. 5646042
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Dan T.
/ APPLICANT: Draper, Kenneth
/ APPLICANT: McSwiggen, James
/ APPLICANT: Jarvis, Thale
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
/ TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
/ TITLE OF INVENTION: CANCER USING RIBOZYMES
/ NUMBER OF SEQUENCES: 2627
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ CITY: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/373,124A
/ FILING DATE: January 13, 1995
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/245,466
/ FILING DATE: May 18, 1994
/ APPLICATION NUMBER: 08/192,943
/ FILING DATE: February 7, 1994
/ APPLICATION NUMBER: 07/987,132
/ FILING DATE: December 7, 1992
/ APPLICATION NUMBER: 07/916,422
/ FILING DATE: August 26, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 209/035
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 224:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-373-124A-224

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 337 GAGGACTTGAAGATGGG 353
Db 1 GAGGACUUGAUGUG 17
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RESULT 1207
US-08-664-449-15
; Sequence 15, Application US/0866449
; Patent No. 5766905
; GENERAL INFORMATION:
; APPLICANT: Studier, F. W.
; APPLICANT: Rosenberg, Alan H.
; TITLE OF INVENTION: Cytoplasmic Bacteriophage Display System
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brookhaven National Laboratory
; STREET: Building 902C
; CITY: Upton
; STATE: NY
; COUNTRY: US
; ZIP: 11973
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/664,449
; FILING DATE: 17-June-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Bogosian, Margaret
; REGISTRATION NUMBER: 25,324
; REFERENCE/DOCKET NUMBER: AUI-9618
; TELEPHONE: (516) 344-7338
; TELEFAX: (516) 344-3729
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-664-449-15

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 799 CTACATGACATTATCCA 815
Db 1 CTAGATCTCATTATCCA 17

RESULT 1208
US-08-484-570A-12
; Sequence 12, Application US/08484570A
; Patent No. 5804379
; GENERAL INFORMATION:
; APPLICANT: Lee, Sohee
; APPLICANT: Rednan, Calvin L.
; TITLE OF INVENTION: Diagnostic Method and Kit for
; TITLE OF INVENTION: Determining Kell Blood Group
; TITLE OF INVENTION: Genotype
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ronald J. Baron, Esq.
; ADDRESSEE: Hoffmann & Baron
; STREET: 350 Jericho Turnpike
; CITY: Jericho
; STATE: New York
; COUNTRY: USA
; ZIP: 11753
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: MS-DOS
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SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,570A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/337,268
; FILING DATE: 11-OCT-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Baron, Ronald J.
; REGISTRATION NUMBER: 29,281
; REFERENCE/DOCKET NUMBER: 454-3 CIP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 822-3550
; TELEFAX: (516) 822-3582
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; US-08-484-570A-12

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 359 ATGGGAGAGTGACCAG 375
Db 1 ATGGGAGAGTGCTCTG 17

RESULT 1209
US-08-758-306-825
; Sequence 825, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 825:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-825

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 41.2%; Pred. No. 6.4e+02;
Matches 7; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 1500 TACTCCATATTGGCAC 1516
Db 1 UCCUUCUUGUUGCAC 17

RESULT 1210
US-08-758-306-849
; Sequence 849, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 849:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-758-306-849

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 6.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 337 GAGGACTTGAAGATGGG 353
Db 1 GAGGACUUGAGAUUG 17

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 825:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-628-224
; Sequence 224, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-628-224

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 337 GAGGACTTGAAGATGGG 353
Db 1 GAGGACUUGAGAUUG 17

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RESULT 1212  
US-08-292-620A-1672  
; Sequence 1672, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620A  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1672:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-292-620A-1672

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1658 ACCACCCCTACAGGCA 1674  
DB 1 ACCACCCCTACAGGUA 17

RESULT 1213  
US-08-292-620A-1676  
; Sequence 1676, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm

two

APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1676:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1676

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.4e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 942 CCTGGCCTACTGCACC 958  
DB 1 CCUGGCUUCUGCCACC 17

RESULT 1214  
US-08-292-620A-1770/c  
; Sequence 1770, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF

two

TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1770:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1770

two

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 40 GCAGGAGGACCACT 56  
Db 17 GCAAGAGGAGACACT 1

RESULT 1215  
US-08-292-620A-1809  
Sequence 1809, Application US/08292620A  
Patent No. 5837542  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700

CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1809:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-1809

two

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 1658 ACACCCCTCACAGGCA 1674  
Db 1 ACCCACCCACAGGUA 17

RESULT 1216  
US-08-332-766A-94/c  
Sequence 94, Application US/08332766A  
Patent No. 5843647  
GENERAL INFORMATION:  
APPLICANT: JEFFREYS, Alec J.  
APPLICANT: ARMOUR, John  
TITLE OF INVENTION: SIMPLE TANDEM REPEATS  
NUMBER OF SEQUENCES: 125  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN DABY & CUSHMAN, L.L.P.  
STREET: 1100 New York Avenue, N.W.  
CITY: Washington  
STATE: D. C.  
COUNTRY: U.S.A.  
ZIP: 20005-3918  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/332,766A  
FILING DATE: 01-NOV-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9326052.9

FILING DATE: 21-DEC-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: BIED, Donald J.  
REGISTRATION NUMBER: 25,323  
REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 861-3000  
TELEFAX: (202) 822-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 94:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-332-766A-94

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1634 GCAGGCGGCTGGAG 1650  
DB 17 GGAGACAGGCTGGAG 1

RESULT 1217  
US-08-468-819-63/c  
Sequence 63, Application US/08468819  
Patent No. 5871723  
GENERAL INFORMATION:  
APPLICANT: Strieter, Robert M.  
APPLICANT: Polverini, Peter J.  
APPLICANT: Kunkel, Steven L.  
TITLE OF INVENTION: CXc Chemokines as Regulators of  
TITLE OF INVENTION: Angiogenesis  
NUMBER OF SEQUENCES: 93  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
CITY: Houston  
STATE: TX  
COUNTRY: US  
ZIP: 77210

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
FILING DATE: Concurrently herewith  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Highlander, Steven L.  
REGISTRATION NUMBER: 37,642  
REFERENCE/DOCKET NUMBER: UMIC:003/HYL  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 512/418-3000  
TELEFAX: 512/474-7477  
TELEX: N/A

INFORMATION FOR SEQ ID NO: 63:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "DNA"  
US-08-468-819-63

Query Match 0.7%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1645 CTGGAGGATGCCAC 1661  
DB 17 CTGGAGAGAGCCACGC 1

RESULT 1218  
US-08-464-276-3/c  
Sequence 3, Application US/08464276  
Patent No. 5935567  
GENERAL INFORMATION:  
APPLICANT: Leder, Philip  
APPLICANT: Luster, Andrew  
TITLE OF INVENTION: USE OF THE CYTOKINE IP-10 AS  
TITLE OF INVENTION: AN ANTI-TUMOR AGENT  
NUMBER OF SEQUENCES: 3  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: U.S.A.  
ZIP: 02110-2804

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 50Z or 55SX  
OPERATING SYSTEM: MS-DOS (Version 5.0)  
SOFTWARE: WordPerfect (Version 5.1)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/464,276  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/935,587  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Clark, Paul T.  
REGISTRATION NUMBER: 30,162  
REFERENCE/DOCKET NUMBER: 00383/020002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-464-276-3

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1645 CTGGAGGATGCCAC 1661  
DB 17 CTGGAGAGAGCCACGC 1

RESULT 1219  
US-08-909-742-3  
Sequence 3, Application US/08909742  
Patent No. 6007991  
GENERAL INFORMATION:  
APPLICANT: Vimala S. Sivaraman  
APPLICANT: Hsien-Yu Wang  
APPLICANT: Craig C. Malbon  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR MITOGEN-  
TITLE OF INVENTION: ACTIVATED PROTEIN KINASES AS THERAPY FOR  
BREAST CANCER

NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann & Baron, LLP  
STREET: 350 Jericho Turnpike  
CITY: Jericho  
STATE: New York  
COUNTRY: USA  
ZIP: 11753  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Word Perfect 6.1 for windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/909,742  
FILING DATE: August 12, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/831,994  
FILING DATE: April 1, 1997  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 08/827,520  
FILING DATE: March 28, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Adams, Lindsey S.  
REGISTRATION NUMBER: 36,425  
REFERENCE/DOCKET NUMBER: 178-225 CIP II  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 822-3550  
TELEFAX: (516) 822-3582  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: mRNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-909-742-3

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 560 GCCGCGCGCTCCGTCGT 576  
Db 1 GCCGCGCGCGCGCCAU 17  
|||||

RESULT 1220  
US-08-909-742-4  
Sequence 4, Application US/08909742  
Patent No. 6007991  
GENERAL INFORMATION:  
APPLICANT: Vimala S. Sivaraman  
APPLICANT: Hsien-Yu Wang  
APPLICANT: Craig C. Malbon  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR MITOGEN-  
TITLE OF INVENTION: ACTIVATED PROTEIN KINASES AS THERAPY FOR  
TITLE OF INVENTION: BREAST CANCER  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Hoffmann & Baron, LLP  
STREET: 350 Jericho Turnpike  
CITY: Jericho  
STATE: New York  
COUNTRY: USA  
ZIP: 11753  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Word Perfect 6.1 for windows  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/909,742  
FILING DATE: August 12, 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/831,994  
FILING DATE: April 1, 1997  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 08/827,520  
FILING DATE: March 28, 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Adams, Lindsey S.  
REGISTRATION NUMBER: 36,425  
REFERENCE/DOCKET NUMBER: 178-225 CIP II  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 822-3550  
TELEFAX: (516) 822-3582  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
HYPOTHETICAL: NO  
ANTI-SENSE: YES  
US-08-909-742-4

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 560 GCCGCGCGCTCCGTCGT 576  
Db 1 GCCGCGCGCGCGCCAT 17  
|||||

RESULT 1221  
US-08-536-150-12/c  
Sequence 12, Application US/08536150  
Patent No. 6013489  
GENERAL INFORMATION:  
APPLICANT: MUSTERS, WOUTER  
APPLICANT: STAM, HEIN  
APPLICANT: SUYKERBUIJK, MARIA E.  
APPLICANT: VISSER, JACOB  
APPLICANT: VERBAKEL, Johannes M.  
TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA  
TITLE OF INVENTION: ENCODING A RIPENING FORM OF A POLYPEPTIDE HAVING  
TITLE OF INVENTION: RHANNOGALACTURONASE ACTIVITY  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CUSHMAN DARBY & CUSHMAN  
STREET: 1100 NEW YORK AVENUE, N.W.  
CITY: WASHINGTON, D.C.  
COUNTRY: U.S.A.  
ZIP: 20005-3918  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/536,150  
FILING DATE: 29-SEP-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/061,062  
FILING DATE: 14 MAY 1993  
ATTORNEY/AGENT INFORMATION:  
NAME: KOKULIS, PAUL N.  
REGISTRATION NUMBER: 16773

REFERENCE/DOCKET NUMBER: 202390/R 7262 (V)  
TELEPHONE: (202) 861-3000  
TELEFAX: (202) 822-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
IMMEDIATE SOURCE:  
CLONE: primer RHGKN  
US-08-536-150-12

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e-02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 880 GACTGTGGGAACATCAT 896  
| | | | | | | | | | | | | | | | |  
Db 17 GCCAGTGGGAACATCAT 1

RESULT 1222  
US-08-985-162-67/c  
; Sequence 67, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/985,162  
; FILING DATE: 04 December 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 67:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-08-985-162-67  
Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e-02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 389 CCTCGGATGAGGTGCAG 405  
| | | | | | | | | | | | | | | | |  
Db 17 CCTCTGATGATCTGCAG 1

RESULT 1223  
US-08-985-162-144  
; Sequence 144, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/985,162  
; FILING DATE: 04 December 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 144:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-144

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 6.4e-02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 738 CTGCACCGCATCCGGG 754  
| | | | | | | | | | | | | | | | |  
Db 1 CTGCACCTCCCAUCAGUG 17

RESULT 1224  
US-08-985-162-173  
; Sequence 173, Application US/08985162



```
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/036,476
/ FILING DATE: 31 January 1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 230/107
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 243:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-985-162-243

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      69 ACCAGGGAGGGCCCC 85
Db      17 AGCAAGAGGAGGGCCCC 1

RESULT 1227
US-08-985-162-253/c
; Sequence 253, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAITIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 253:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-397

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1478 GGATCCACAAACTTCCT 1494
Db      17 GGCTCCACAGCTCCT 1

RESULT 1228
US-08-985-162-397/c
; Sequence 397, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMAITIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 397:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-397

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1159 TGGGGTGTGGGCTGCAT 1175
Db      17 TGGGGTGTGAGCTGTAT 1
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RESULT 1229  
US-08-985-162-514/c  
; Sequence 514, Application US/08985162  
; Patent No. 6057156  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/985,162  
; FILING DATE: 04 December 1997  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wardbur, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 514:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-985-162-514  
Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1066 ACAAAGACATACCTCAA 1082  
DB 17 ACAATGAAAACTCAA 1

RESULT 1230  
US-08-998-099-47/c  
; Sequence 47, Application US/08998099A  
; Patent No. 6103890  
; GENERAL INFORMATION:  
; APPLICANT: JARVIS, THALE  
; APPLICANT: MCSWIGGEN, JAMES A.  
; APPLICANT: STINCHCOMB, DAN T.  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
; FILE REFERENCE: 231/175  
; CURRENT APPLICATION NUMBER: US/08/998,099A  
; CURRENT FILING DATE: 1997-12-24  
; EARLIER APPLICATION NUMBER: 60/037,658  
; EARLIER FILING DATE: 1997-01-23

; EARLIER FILING DATE: 1997-01-23  
; EARLIER APPLICATION NUMBER: 08/373,124  
; EARLIER FILING DATE: 1995-01-13  
; EARLIER APPLICATION NUMBER: 08/245,466  
; EARLIER FILING DATE: 1994-05-18  
; NUMBER OF SEQ ID NOS: 375  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 47  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-08-998-099-47  
Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1270 GAGGAGACGTGGCCAGG 1286  
DB 17 GAGGAGACGAGGCGGG 1

RESULT 1231  
US-08-998-099-48/c  
; Sequence 48, Application US/08998099A  
; Patent No. 6103890  
; GENERAL INFORMATION:  
; APPLICANT: JARVIS, THALE  
; APPLICANT: MCSWIGGEN, JAMES A.  
; APPLICANT: STINCHCOMB, DAN T.  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
; FILE REFERENCE: 231/175  
; CURRENT APPLICATION NUMBER: US/08/998,099A  
; CURRENT FILING DATE: 1997-12-24  
; EARLIER APPLICATION NUMBER: 60/037,658  
; EARLIER FILING DATE: 1997-01-23  
; EARLIER APPLICATION NUMBER: 08/373,124  
; EARLIER FILING DATE: 1995-01-13  
; EARLIER APPLICATION NUMBER: 08/245,466  
; EARLIER FILING DATE: 1994-05-18  
; NUMBER OF SEQ ID NOS: 375  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 48  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-08-998-099-48  
Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 1267 ACTGAGGAGACGTGGCC 1283  
DB 17 ACAGAGGAGACGAGGGC 1

RESULT 1232  
US-08-998-099-49/c  
; Sequence 49, Application US/08998099A  
; Patent No. 6103890  
; GENERAL INFORMATION:  
; APPLICANT: JARVIS, THALE  
; APPLICANT: MCSWIGGEN, JAMES A.  
; APPLICANT: STINCHCOMB, DAN T.  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS OF C-FOS  
; FILE REFERENCE: 231/175  
; CURRENT APPLICATION NUMBER: US/08/998,099A  
; CURRENT FILING DATE: 1997-12-24  
; EARLIER APPLICATION NUMBER: 60/037,658  
; EARLIER FILING DATE: 1997-01-23



;; EARLIER APPLICATION NUMBER: 08/373,124  
;; EARLIER FILING DATE: 1995-01-13  
;; EARLIER APPLICATION NUMBER: 08/245,466  
;; EARLIER FILING DATE: 1994-05-18  
;; NUMBER OF SEQ ID NOS: 375  
;; SOFTWARE: FASTSEQ for Windows Version 3.0  
;; SEQ ID NO 49  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-08-998-099-49

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1265 CCACTGAGGAGCGTGG 1281  
DB 17 CCACAGAGGAGCAGG 1

RESULT 1233  
US-09-071-845-1672  
; Sequence 1672, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1672:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs

;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-09-071-845-1672

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1658 ACACCCCTCACAGGCA 1674  
DB 1 ACCCACCUCACAGGUA 17

RESULT 1234  
US-09-071-845-1676  
; Sequence 1676, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/071,845  
; FILING DATE:  
; CLASSIFICATION:

PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620  
; FILING DATE: August 17, 1994  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1676:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-071-845-1676

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.4e+02;



```

; TITLE OF INVENTION:  of CMV Infection
; NUMBER OF SEQUENCES:  90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE:  Jane Massey Licata, Esq.
; STREET:  66 E. Main Street
; CITY:  Marlton
; STATE:  NJ
; COUNTRY:  USA
; ZIP:  08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE:  DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER:  IBM 486
; OPERATING SYSTEM:  WINDOWS FOR WORKGROUPS
; SOFTWARE:  WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER:  US/08/838,715B
; FILING DATE:  April 9, 1997
; CLASSIFICATION:  514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:  07/568,366
; FILING DATE:  8/16/90
; APPLICATION NUMBER:  07/927,506
; FILING DATE:  11/19/92
; APPLICATION NUMBER:  08/009,263
; FILING DATE:  1/25/93
; APPLICATION NUMBER:  08/233,711
; FILING DATE:  4/26/94
; ATTORNEY/AGENT INFORMATION:
; NAME:  Jane Massey Licata
; REGISTRATION NUMBER:  32,257
; REFERENCE/DOCKET NUMBER:  ISPH-0204
; TELECOMMUNICATION INFORMATION:
; TELEPHONE:  (609) 779-2400
; TELEFAX:  (609) 810-1454
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
US-08-838-715B-37

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```

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy      130 CGGATGAGAGAGATCAA 146
Db      17 CGGAGAGAGAGAGCAA 1

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```

RESULT 1238
US-09-326-135-3/c
; Sequence 3, Application US/09326135
; Patent No. 6153600
; GENERAL INFORMATION:
; APPLICANT: Leder, Philip
; APPLICANT: Luster, Andrew
; TITLE OF INVENTION: USE OF THE CYTOKINE IP-10 AS AN
; FILE REFERENCE: 00383/020003
; CURRENT APPLICATION NUMBER: US/09/326,135
; CURRENT FILING DATE: 1999-06-04
; EARLIER APPLICATION NUMBER: 08/464,276
; EARLIER FILING DATE: 1995-06-05
; EARLIER APPLICATION NUMBER: 08/217,016
; EARLIER FILING DATE: 1994-03-23
; EARLIER APPLICATION NUMBER: 07/935,587
; EARLIER FILING DATE: 1992-08-26
; NUMBER OF SEQ ID NOS: 4

```

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; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-326-135-3

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1645 CTGGAGGATGCCACAC 1661
Db      17 CTGGAGAGAGCCACGC 1

RESULT 1239
US-09-412-289-3
; Sequence 3, Application US/09412289
; Patent No. 6271310
; GENERAL INFORMATION:
; APPLICANT: Sivaraman, Vimala S.
; APPLICANT: Wang, Hsien-yu
; APPLICANT: Malbon, Craig C.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR MITOGEN-ACTIVATED
; FILE REFERENCE: Seq. 1-4 (178-225 CIP II/CON)
; CURRENT APPLICATION NUMBER: US/09/412,289
; CURRENT FILING DATE: 1999-10-05
; EARLIER APPLICATION NUMBER: 08/909,742
; EARLIER FILING DATE: 1997-08-12
; EARLIER APPLICATION NUMBER: 08/831,994
; EARLIER FILING DATE: 1997-04-01
; EARLIER APPLICATION NUMBER: 08/827,520
; EARLIER FILING DATE: 1997-03-28
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthesized
; OTHER INFORMATION: antisense oligonucleotide
;
US-09-412-289-3

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```

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.4e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

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Qy      560 GCCGCGCGCTCGTCGT 576
Db      1 GCCGCGCGCGCGCCAU 17

```

```

RESULT 1240
US-09-412-289-4
; Sequence 4, Application US/09412289
; Patent No. 6271210
; GENERAL INFORMATION:
; APPLICANT: Sivaraman, Vimala S.
; APPLICANT: Wang, Hsien-yu
; APPLICANT: Malbon, Craig C.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR MITOGEN-ACTIVATED
; FILE REFERENCE: Seq. 1-4 (178-225 CIP II/CON)
; CURRENT APPLICATION NUMBER: US/09/412,289
; CURRENT FILING DATE: 1999-10-05
; EARLIER APPLICATION NUMBER: 08/909,742
; EARLIER FILING DATE: 1997-08-12
; EARLIER APPLICATION NUMBER: 08/831,994
; EARLIER FILING DATE: 1997-04-01
; EARLIER APPLICATION NUMBER: 08/827,520

```

EARLIER FILING DATE: 1997-03-28  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 4  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthesized  
US-09-412-289-4  
Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 560 GCCGCGCGCTCGTCTGCT 576  
Db 1 GCCGCGCGCGCGCGCAT 17

RESULT 1241  
US-08-584-040-2376/c  
; Sequence 2376 Application US/08584040  
; Patent No. 6346338  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; STATE: Los Angeles  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2376:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-584-040-2742/c  
; Sequence 2742 Application US/08584040

Qy 605 AACTGGAGACCTACATT 621  
Db 17 AACTGGAGAAATACCTT 1

RESULT 1243  
US-08-584-040-2742/c  
; Sequence 2742 Application US/08584040

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 764 TGCTCAGGACCTCAAA 780  
Db 17 TACTCAAGGAGCTTAAA 1

RESULT 1242  
US-08-584-040-2386/c  
; Sequence 2386 Application US/08584040  
; Patent No. 6346338  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; STATE: Los Angeles  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 2386:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

US-08-584-040-2386  
; Sequence 2386 Application US/08584040

Qy 605 AACTGGAGACCTACATT 621  
Db 17 AACTGGAGAAATACCTT 1

RESULT 1243  
US-08-584-040-2742/c  
; Sequence 2742 Application US/08584040

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; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2742:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2742

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e-02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1060 ATCCCAACAAAGACATA 1076
Db 17 ATCCCAATTAAGAAATA 1

RESULT 1244
US-08-584-040-3820/c
; Sequence 3820, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
```

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; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 3820:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-3820

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e-02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 900 CATGCACACGTGAAC 916
Db 17 CTTGCACAAAGTGACAC 1

RESULT 1245
US-08-584-040-3890
; Sequence 3890, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
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OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 3890:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-3890

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 976 CGAGACCTCAAGCCCCA 992  
DB 1 CGAGACCUAAACCCCA 17

RESULT 1246  
US-08-584-040-4233/c  
Sequence 4233, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4233:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-4233

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1532 TACAAAGGAGGCCAGC 1548  
DB 17 TTCAAGGGAGGCCAGC 1

RESULT 1247  
US-08-584-040-4362/c  
Sequence 4362, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4362:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-4362

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 622 AAGCTGGACAACTGGG 638  
Db 17 AGGCTGGAGAACTGGG 1

## RESULT 1248

US-08-584-040-5795  
Sequence 5795, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5795:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-5795

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.4e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1035 CTTTGGCTGCCCGG 1051  
Db 1 CUUGCGUUGGCCCGG 17

## RESULT 1249

US-08-584-040-7493

Sequence 7493, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TITLE OF INVENTION: TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

STREET: Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/584,040

FILING DATE: January 11, 1996

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974

FILING DATE: October 26, 1995

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/064

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 7493:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-584-040-7493

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.4e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 991 CAGAACCTGCTCATCAA 1007  
Db 1 CUGAACCTGCTCATCAA 17

## RESULT 1250

US-08-584-040-8024/c

Sequence 8024, Application US/08584040

Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela

APPLICANT: McSwiggen, James

APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR

TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS

TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL

TITLE OF INVENTION: GROWTH FACTOR

NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 8024:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-8024

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 503 CTGAGGCTCTACCTGGAG 519  
Db 17 CTGAGTCTCTAGCTGGAG 1

RESULT 1251  
US-08-679-645-70/c  
Sequence 70, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 70:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-70

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 558 CAGCCGCCCTCCCTCCGTC 574  
Db 17 CCGCCGCCCGCAGCCGCTC 1

RESULT 1252  
US-08-679-645-153  
Sequence 153, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
COUNTRY: California  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:



/ APPLICATION NUMBER: US/08/679,645  
/ FILING DATE: July 12, 1996  
/ CLASSIFICATION: 800  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 60/001,135  
/ FILING DATE: July 13, 1995  
/ APPLICATION NUMBER: 08/300,726  
/ FILING DATE: September 2, 1994  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Warburg, Richard J.  
/ REGISTRATION NUMBER: 219/247  
/ REFERENCE/DOCKET NUMBER: 219/247  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440  
/ TELEX: 67-3510  
/ INFORMATION FOR SEQ ID NO: 153:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 17 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-679-645-153

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1272 GGAGAGTGCCGCGCA 1288  
Db 1 GGAGAGUCCGCGCA 17

RESULT 1253  
US-08-679-645-200  
/ Sequence 200, Application US/08679645  
/ Patent No. 6350934  
/ GENERAL INFORMATION:  
/ APPLICANT: Zwick, Michael G.  
/ APPLICANT: Edington, Brent E.  
/ APPLICANT: McSwiggen, James A.  
/ APPLICANT: Merlo, Patricia Ann Owens  
/ APPLICANT: Guo, Lining  
/ APPLICANT: Skokut, Thomas A.  
/ APPLICANT: Young, Scott A.  
/ APPLICANT: Folkerts, Otto  
/ APPLICANT: Merlo, Donald J.  
/ TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
/ TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
/ NUMBER OF SEQUENCES: 1263  
/ CORRESPONDENCE ADDRESS:  
/ ADDRESSEE: Lyon & Lyon  
/ STREET: 633 West Fifth Street  
/ CITY: Los Angeles  
/ STATE: California  
/ COUNTRY: U.S.A.  
/ ZIP: 90071-2066  
/ COMPUTER READABLE FORM:  
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
/ MEDIUM TYPE: storage  
/ COMPUTER: IBM Compatible  
/ OPERATING SYSTEM: IBM P.C. DOS 5.0  
/ SOFTWARE: Word Perfect 5.1  
/ CURRENT APPLICATION DATA:  
/ APPLICATION NUMBER: US/08/679,645  
/ FILING DATE: July 12, 1996  
/ CLASSIFICATION: 800  
/ PRIOR APPLICATION DATA:  
/ APPLICATION NUMBER: 60/001,135  
/ FILING DATE: July 13, 1995  
/ APPLICATION NUMBER: 08/300,726

/ FILING DATE: September 2, 1994  
/ ATTORNEY/AGENT INFORMATION:  
/ NAME: Warburg, Richard J.  
/ REGISTRATION NUMBER: 32,327  
/ REFERENCE/DOCKET NUMBER: 219/247  
/ TELECOMMUNICATION INFORMATION:  
/ TELEPHONE: (213) 489-1600  
/ TELEFAX: (213) 955-0440  
/ TELEX: 67-3510  
/ INFORMATION FOR SEQ ID NO: 200:  
/ SEQUENCE CHARACTERISTICS:  
/ LENGTH: 17 base pairs  
/ TYPE: nucleic acid  
/ STRANDEDNESS: single  
/ TOPOLOGY: linear  
/ US-08-679-645-200

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 460 GACATCAACAGCGCT 476  
Db 1 GACAACAUCCGCGCU 17

RESULT 1254  
US-08-294-3128-67  
/ Sequence 67, Application US/082943128  
/ Patent No. 6380369  
/ GENERAL INFORMATION:  
/ APPLICANT: Adams et al.  
/ TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
/ FILE REFERENCE: PF106P2  
/ CURRENT APPLICATION NUMBER: US/08/294,3128  
/ CURRENT FILING DATE: 1994-08-23  
/ PRIOR FILING DATE: 1994-03-16  
/ PRIOR APPLICATION NUMBER: 08/187,757  
/ PRIOR FILING DATE: 1994-01-27  
/ NUMBER OF SEQ ID NOS: 78  
/ SOFTWARE: PatentIn version 3.0  
/ SEQ ID NO 67  
/ LENGTH: 17  
/ TYPE: DNA  
/ ORGANISM: Artificial Sequence  
/ FEATURE:  
/ OTHER INFORMATION: primer useful for amplifying up to codon 472 of hMLH3  
/ US-08-294-3128-67

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1623 CCGAGGCCCGCAGCGC 1639  
Db 1 CTGAGGCTCAGCAGGC 17

RESULT 1255  
US-09-235-538-5/c  
/ Sequence 5, Application US/09235538  
/ Patent No. 6395479  
/ GENERAL INFORMATION:  
/ APPLICANT: Reichardt, Juergen, K.V., Ph.D.  
/ APPLICANT: Gerhard, Coetzee, A., Ph.D.  
/ APPLICANT: Henderson, Brian E., M.D.  
/ APPLICANT: Makridakis, Nick  
/ APPLICANT: Ross, Ronald, M.D.  
/ APPLICANT: University of Southern California  
/ TITLE OF INVENTION: ANDROGEN-METABOLIC GENE MUTATIONS AND  
/ TITLE OF INVENTION: PROSTATE CANCER RISK  
/ FILE REFERENCE: 13761-706US1

; CURRENT APPLICATION NUMBER: US/09/235,538  
; CURRENT FILING DATE: 1999-01-22  
; PRIOR APPLICATION NUMBER: US 60/072,225  
; PRIOR FILING DATE: 1998-01-23  
; PRIOR APPLICATION NUMBER: PCT/US99/01165  
; PRIOR FILING DATE: 1999-01-20  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: Fast-Seq for Windows Version 4.0  
; SEQ ID NO 5  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-235-538-5

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1317 CAAGTACCCCAAGTACC 1333  
Db 17 CAAGTACCCCAAGAGCC 1

RESULT 1256  
US-08-468-024B-67  
; Sequence 67, Application US/08468024B  
; Patent No. 6416384  
; GENERAL INFORMATION:  
; APPLICANT: Haseltine et al.  
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
; FILE REFERENCE: PFI06P3  
; CURRENT APPLICATION NUMBER: US/08/468,024B  
; CURRENT FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: 08/294,312  
; PRIOR FILING DATE: 1994-08-23  
; PRIOR APPLICATION NUMBER: 08/210,143  
; PRIOR FILING DATE: 1994-03-16  
; PRIOR APPLICATION NUMBER: 08/187,757  
; PRIOR FILING DATE: 1994-01-27  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 67  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer useful for amplifying up to codon 472 of hMLH3  
US-08-468-024B-67

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1623 CCGAGGCCCGCCAGCAGGC 1639  
Db 1 CTGAGGTCTCAGCAGGC 17

RESULT 1257  
US-09-213-383-63/c  
; Sequence 63, Application US/09213383  
; Patent No. 6491306  
; GENERAL INFORMATION:  
; APPLICANT: Strieter, Robert M.  
; Polverini, Peter J.  
; Kunkel, Steven L.  
; TITLE OF INVENTION: CXc Chemokines as Regulators of  
; Angiogenesis  
; NUMBER OF SEQUENCES: 93  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Arnold, White & Durkee  
; STREET: P.O. Box 4433  
; CITY: Houston

; STATE: TX  
; COUNTRY: US  
; ZIP: 77210  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA: US/09/213,383  
; FILING DATE: 09-Dec-1998  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/468,819  
; FILING DATE: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Highlander, Steven L.  
; REGISTRATION NUMBER: 37,642  
; REFERENCE/DOCKET NUMBER: UMIC:003/HYL  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 512/418-3000  
; TELEFAX: 512/474-7477  
; TELEX: N/A  
; INFORMATION FOR SEQ ID NO: 63:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "DNA"  
; SEQUENCE DESCRIPTION: SEQ ID NO: 63:  
US-09-213-383-63

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1645 CTGGAGGGATGCCACAC 1661  
Db 17 CTGGAGAGAGCCACGC 1

RESULT 1258  
US-09-474-432B-314/c  
; Sequence 314, Application US/09474432B  
; Patent No. 6528640  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Burgin, Alex  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpinsky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
; FILE REFERENCE: MEHB00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 314  
; LENGTH: 17  
; TYPE: RNA

```
; ORGANISM: Homo sapiens
US-09-474-432B-314

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 75 GGGAGGGCCCGCGGCT 91
    |||||
Db 17 GGAAGGGCGCGCGGCT 1

RESULT 1259
US-09-474-432B-493
; Sequence 493, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 493
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-493

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1656 CCACACCCCTCACAGG 1672
    |||||
Db 1 CCACCCCGUCACAGG 17

RESULT 1260
US-09-474-432B-574/c
; Sequence 574, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05

; ORGANISM: Homo sapiens
US-09-474-432B-574

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1033 GACTTGGCTGCGCGC 1049
    |||||
Db 1 GACUUCGGCGCGCGC 17

RESULT 1262
US-09-474-432B-850
; Sequence 850, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
```

; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka  
; APPLICANT: Sweedler, David  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides  
; FILE REFERENCE: MBH00-831-B (247/276)  
; CURRENT APPLICATION NUMBER: US/09/474,432B  
; CURRENT FILING DATE: 1999-12-19  
; PRIOR APPLICATION NUMBER: US 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; PRIOR APPLICATION NUMBER: US 60/084,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: US 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: US 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; NUMBER OF SEQ ID NOS: 1526  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 850  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-474-432B-850

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 552 GCCCTCAGCGCGCC 568  
|||||  
DB 1 GCCCCUAGCCCCC 17

RESULT 1263  
US-09-371-772B-921/c  
; Sequence 921, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 921  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-921

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 764 TGCTCAAGGACCTCAA 780  
|||||  
DB 17 TACTCAAGGAGCTTAA 1

RESULT 1264  
US-09-371-772B-931/c  
; Sequence 931, Application US/09371772B

; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 931  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-931

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 605 AACTGGAGACCTACAT 621  
|||||  
DB 17 AACTGGAGAAATACCT 1

RESULT 1265  
US-09-371-772B-1266/c  
; Sequence 1266, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patent in version 3.0  
; SEQ ID NO 1266  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1266

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1060 ATCCCAACAAAGACATA 1076  
|||||  
DB 17 ATCCCAATTAAGAATA 1

RESULT 1266  
US-09-371-772B-1587/c  
; Sequence 1587, Application US/09371772B  
; Patent No. 6566127

; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 1587  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1587

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 900 CATGCACAACTGAAAC 916  
| | | | | | | | | | | | | | | | | |  
Db 17 CTGACACAAAGTGACAC 1

RESULT 1267  
US-09-371-772B-1657  
; Sequence 1657, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 1657  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1657

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 976 CGAGACCTCAAGCCCA 992  
| | | | | | | | | | | | | | | | | |  
Db 1 CGAGACCUAAAACCCA 17

RESULT 1268  
US-09-371-772B-2000/c  
; Sequence 2000, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 2000  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-2000

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1532 TACAAAAGGAGCCAGC 1548  
| | | | | | | | | | | | | | | | | |  
Db 17 TTCAAAGGAGCGGAGC 1

RESULT 1269  
US-09-371-772B-2129/c  
; Sequence 2129, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 2129  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-2129

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 622 AAGCTGGACAAACTGGG 638  
| | | | | | | | | | | | | | | | | |  
Db 17 AGGCTGGAGAACTCTGGG 1

RESULT 1270  
US-09-371-772B-2661  
; Sequence 2661, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2661  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-2661

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.4e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1035 CTTGGCGCTGCGCGAG 1051  
|::|||:|||||  
Db 1 CUUCGGCUGCGCGCGG 17

RESULT 1271  
US-09-371-772B-3299  
; Sequence 3299, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3299  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3299

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.4e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 991 CAGAACCTGCTCATCAA 1007  
|::|||:|||||  
Db 1 CUGAACCUUGUCAUA 17

RESULT 1272  
US-09-371-772B-3807/c  
; Sequence 3807, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 3807  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Mus sp.  
US-09-371-772B-3807

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 503 CTGAGGGCTACCTGGAG 519  
|::|||:|||||  
Db 17 CTGAGCTCTAGCTGGAG 1

RESULT 1273  
US-09-371-772B-4169/c  
; Sequence 4169, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEHB00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; PRIOR FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4169  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4169

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 986 AGCCCCAGAACCTGCTC 1002  
|::|||:|||||  
Db 17 AGCCCCGAGAGCCGCTC 1

RESULT 1274  
US-09-371-772B-4719  
; Sequence 4719, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4719  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4719

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.4e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;  
QY 590 AGATTGGCTTGGGAAA 606  
||| ||||| |||||  
Db 1 AGAGGGGCUUUGGAAA 17

RESULT 1275  
US-09-371-772B-4793  
; Sequence 4793, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4793  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4793

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 6.4e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
QY 1359 ACCCGGACTGTATGCG 1375  
||| ||||| |||||  
Db 1 ACCAAGACUAGAUAGCG 17

RESULT 1276  
US-09-371-772B-4923  
; Sequence 4923, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 4923  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-4923

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 6.4e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
QY 455 CTGAGGACATCAACAAG 471  
||| ||||| |||||  
Db 1 CUGAGGACUUCUUAAG 17

RESULT 1277  
US-09-371-772B-5317/c  
; Sequence 5317, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MEH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 5317  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-5317

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 723 TGAAGAGGGGGCACCCCT 739  
||| ||||| |||||  
Db 17 TGAAGAGTAGGCGCCCT 1

RESULT 1278  
US-09-371-772B-6264  
; Sequence 6264, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6264  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6264

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 974 ACCGAGCCTCAAGCCC 990  
|||||||: ||  
Db 1 ACCGAGCCTCAAGCCC 17

RESULT 1279  
US-09-371-772B-6265  
; Sequence 6265, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6265  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6265

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 975 CCGAGACCTCAAGCCC 991  
|||||||: ||  
Db 1 CCGAGACCTCAAGCCC 17

RESULT 1280  
US-09-371-772B-6428  
; Sequence 6428, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6428  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6428

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.4e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1276 ACGTGCCAGGCATCCT 1292  
|||||||: ||  
Db 1 ACGTGCCAGGCATCCT 17

RESULT 1281  
US-09-371-772B-6475/c  
; Sequence 6475, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MBH00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6475  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6475

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 688 AACCTTGTGGCACTCAA 704  
|||||||: ||  
Db 1 AACATGGTGGCACTCAA 1

RESULT 1282  
US-09-371-772B-6747/c  
; Sequence 6747, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyne Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor



; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6747  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6747

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1534 CAAGAGGGGCGGCGCT 1550  
DB 17 CAAGAGGGGCGGCGCAT 1

RESULT 1283  
US-09-371-772B-6957/c  
; Sequence 6957, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: MCSwiggan, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor  
; FILE REFERENCE: MBH00,876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 6957  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-6957

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 724 GAAGAGGGGCGGCGCTG 740  
DB 17 GAAGAGTGGCTCCCTG 1

RESULT 1284  
US-08-465-679-67  
; Sequence 67, Application US/08465679  
; Patent No. 6610477  
; GENERAL INFORMATION:  
; APPLICANT: Haseltine et al.  
; TITLE OF INVENTION: Human DNA Mismatch Repair Proteins  
; FILE REFERENCE: PF10694  
; CURRENT APPLICATION NUMBER: US/08/465,679  
; CURRENT FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: 08/294,312  
; PRIOR FILING DATE: 1994-08-23  
; PRIOR APPLICATION NUMBER: 08/210,143

; PRIOR FILING DATE: 1994-03-16  
; PRIOR APPLICATION NUMBER: 08/187,757  
; PRIOR FILING DATE: 1994-01-27  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 67  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: primer useful for amplifying up to codon 472 of hMLH3  
US-08-465-679-67

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1623 CGAGGGGCGGCGGCGGC 1639  
DB 1 CTGAGGTCTCAGCAGGC 17

RESULT 1285  
US-09-476-387-313/c  
; Sequence 313, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber  
; APPLICANT: Karpeisky, Alex  
; APPLICANT: Adamic, Jasenka Matulic  
; APPLICANT: Sweedler, Dave  
; APPLICANT: Zinnen, Shawn  
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle  
; FILE REFERENCE: MBH00-831-C (249/073)  
; CURRENT APPLICATION NUMBER: US/09/476,387  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: 09/474,432  
; PRIOR FILING DATE: 1999-12-23  
; PRIOR APPLICATION NUMBER: 09/301,511  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 09/186,675  
; PRIOR FILING DATE: 1998-11-04  
; PRIOR APPLICATION NUMBER: 60/083,727  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/064,866  
; PRIOR FILING DATE: 1997-11-05  
; NUMBER OF SEQ ID NOS: 1524  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 313  
; LENGTH: 17  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-476-387-313

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 75 GCGAGGGGCGGCGGCT 91  
DB 17 GGAAGGGGCGGCGGCT 1

RESULT 1286  
US-09-476-387-492  
; Sequence 492, Application US/09476387  
; Patent No. 6617438  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Beigelman, Leo  
; APPLICANT: Beaudry, Amber

APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Sweedler, Dave  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
FILE REFERENCE: MEHB00-831-C (249/073)  
CURRENT APPLICATION NUMBER: US/09/476,387  
PRIOR FILING DATE: 2001-04-04  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1524  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 492  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-476-387-492

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 1656 CCACACCCCTCACAGGG 1672  
Db 1 CCACCCCGUCACAGGG 17  
|||||:|||||

RESULT 1287  
US-09-476-387-573/c  
Sequence 573, Application US/09476387  
Patent No. 6617438  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Sweedler, Dave  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
FILE REFERENCE: MEHB00-831-C (249/073)  
CURRENT APPLICATION NUMBER: US/09/476,387  
CURRENT FILING DATE: 2001-04-04  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1524  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 573  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-476-387-573

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1094 CACTGTGGTACCGGCC 1110  
Db 17 CACTGGCGCTCGGCC 1  
|||||:|||||

RESULT 1288  
US-09-476-387-771  
Sequence 771, Application US/09476387  
Patent No. 6617438  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Sweedler, Dave  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
FILE REFERENCE: MEHB00-831-C (249/073)  
CURRENT APPLICATION NUMBER: US/09/476,387  
CURRENT FILING DATE: 2001-04-04  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866  
PRIOR FILING DATE: 1997-11-05  
NUMBER OF SEQ ID NOS: 1524  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 771  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-476-387-771

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 64.7%; Pred. No. 6.4e+02;  
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 1033 GACTTGGCTCGGCCG 1049  
Db 1 GACTUCGGCGGCGUCG 17  
|||||:|||||

RESULT 1289  
US-09-476-387-849  
Sequence 849, Application US/09476387  
Patent No. 6617438  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Beigelman, Leo  
APPLICANT: Sweedler, Dave  
APPLICANT: Karpeisky, Alex  
APPLICANT: Adamic, Jasenka Matulic  
APPLICANT: Zinnen, Shawn  
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides  
FILE REFERENCE: MEHB00-831-C (249/073)  
CURRENT APPLICATION NUMBER: US/09/476,387  
CURRENT FILING DATE: 2001-04-04  
PRIOR APPLICATION NUMBER: 09/474,432  
PRIOR FILING DATE: 1999-12-29  
PRIOR APPLICATION NUMBER: 09/301,511  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 09/186,675  
PRIOR FILING DATE: 1998-11-04  
PRIOR APPLICATION NUMBER: 60/083,727  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/064,866

;; PRIOR FILING DATE: 1997-11-05  
;; NUMBER OF SEQ ID NOS: 1524  
;; SOFTWARE: PatentIn version 3.0  
;; SEQ ID NO 849  
;; LENGTH: 17  
;; TYPE: RNA  
;; ORGANISM: Homo sapiens  
US-09-476-387-849

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 76.5%; Pred. No. 6.4e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 552 GCCCTCAGCGCCGCC 568  
DB 1 GCCCCUACGCCCAACC 17

RESULT 1290  
US-09-401-063-67/c  
; Sequence 67, Application US/09401063  
; Patent No. 6623962

;; GENERAL INFORMATION:  
;; APPLICANT: Akhtar, Saghir  
;; APPLICANT: Fell, Patricia  
;; APPLICANT: McSwiggen, James  
;; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
;; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
;; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
;; TITLE OF INVENTION: FACTOR RECEPTORS  
;; NUMBER OF SEQUENCES: 1877  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSEQ for Windows 2.0  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/401.063  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/985,162  
;; FILING DATE: 04 December 1997  
;; APPLICATION NUMBER: 60/036,476  
;; FILING DATE: 31 January 1997  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 230/107  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 67:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 389 CCTCGATGAGTGCAG 405  
DB 17 CCTCTGATGATCTGCAG 1

RESULT 1291  
US-09-401-063-144  
; Sequence 144, Application US/09401063  
; Patent No. 6623962

;; GENERAL INFORMATION:  
;; APPLICANT: Akhtar, Saghir  
;; APPLICANT: Fell, Patricia  
;; APPLICANT: McSwiggen, James  
;; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
;; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
;; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
;; TITLE OF INVENTION: FACTOR RECEPTORS  
;; NUMBER OF SEQUENCES: 1877  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
;; STREET: 633 West Fifth Street  
;; CITY: Los Angeles  
;; STATE: California  
;; COUNTRY: U.S.A.  
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
;; MEDIUM TYPE: storage  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: IBM P.C. DOS 5.0  
;; SOFTWARE: FastSEQ for Windows 2.0  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/09/401.063  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/985,162  
;; FILING DATE: 04 December 1997  
;; APPLICATION NUMBER: 60/036,476  
;; FILING DATE: 31 January 1997  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard J.  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 230/107  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 144:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 17 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear

US-09-401-063-144

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 70.6%; Pred. No. 6.4e+02;  
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 738 CTGCACCCGATCCGG 754  
DB 1 CUGCACCUCAUCAG 17

RESULT 1292  
US-09-401-063-173  
; Sequence 173, Application US/09401063  
; Patent No. 6623962

;; GENERAL INFORMATION:  
;; APPLICANT: Akhtar, Saghir

```
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 173:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-173

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 6.4e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 834 CCTGTCTTTGAGTACC 850
Db 1 CCAUGCCUUGAGAACC 17

RESULT 1293
US-09-401-063-174
; Sequence 174, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
```

```
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-174

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.4e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Qy 835 CTTGTCTTTGAGTACCT 851
Db 1 CAUGCCUUGAGAACC 17

RESULT 1294
US-09-401-063-243/c
; Sequence 243, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
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;
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-401-063-243

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      69 ACCCAGGAGGAGGCCCC 85
Db      17 AGCAAGAGGAGGCCCC 1

RESULT 1295
US-09-401-063-253/c
; Sequence 253, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-401-063-253

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      69 ACCCAGGAGGAGGCCCC 85
Db      17 AGCAAGAGGAGGCCCC 1

RESULT 1295
US-09-401-063-253/c
; Sequence 253, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-401-063-253

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      69 ACCCAGGAGGAGGCCCC 85
Db      17 AGCAAGAGGAGGCCCC 1

RESULT 1295
US-09-401-063-397/c
; Sequence 397, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 397:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-401-063-397

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1478 GGATCCCAAACTTCCT 1494
Db      17 GGCTCCCAAGCTCCCT 1

RESULT 1296
US-09-401-063-397/c
; Sequence 397, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 397:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-401-063-397

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1478 GGATCCCAAACTTCCT 1494
Db      17 GGCTCCCAAGCTCCCT 1
```

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1159 TGGGGTGTGGGCTGCAT 1175  
Db 17 TGGGGTCTGAGCTGTAT 1

## RESULT 1297

US-09-401-063-514/c  
; Sequence 514, Application US/09401063  
; Patent No. 6623962

## GENERAL INFORMATION:

; APPLICANT: Akhtar, Saghir  
; APPLICANT: Fell, Patricia  
; APPLICANT: Meswigen, James  
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066

## COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 514:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear

## US-09-401-063-514

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1066 ACAAGACATACCTCCAA 1082  
Db 17 ACAATGAAAACTCCAA 1

## RESULT 1298

US-09-827-998-412/c  
; Sequence 412, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 412  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; ORGANISM: Homo sapiens  
; US-09-827-998-412

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1042 CTGGCCCGAGCCCAAGTC 1058  
Db 17 CAGGCATGAGCCCAAGTC 1

## RESULT 1299

US-09-827-998-573  
; Sequence 573, Application US/09827998  
; Patent No. 6656700

## GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 573  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
; ORGANISM: Homo sapiens  
; US-09-827-998-573

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1008 CGAGAGGGGAGAGCTCA 1024  
Db 1 CAAGAGGAGAGAGCTCA 17

## RESULT 1300

US-09-827-998-655  
; Sequence 655, Application US/09827998  
; Patent No. 6656700

## GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong  
; APPLICANT: Shannon, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456

```
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 655
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-655

Query Match
Best Local Similarity 0.7%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 30 GCAGAGGTAGCAGCAG 46
Db 1 GCACAGGTAGCAGCAG 17

RESULT 1301
US-09-827-998-720/c
; Sequence 720, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORP-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 720
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-720

Query Match
Best Local Similarity 0.7%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 401 TGCAGTCTCCAGTGAGA 417
Db 17 TGCAGTCTCCAGGGAAA 1

RESULT 1302
US-09-866-108A-402
; Sequence 402, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

```
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 402
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-402

Query Match
Best Local Similarity 0.7%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 41 CAGCAGGACCAGCAGTG 57
Db 1 CAGCAGTCCAGCAGTG 17

RESULT 1303
US-09-866-108A-658
; Sequence 658, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 658  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-658

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1567 CTGACTCAGCAGGCC 1584  
Db 1 CCGACTCAGCAGGCC 17

RESULT 1304  
US-09-866-108A-659

Sequence 659, Application US/09866108A  
Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeonica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 659

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-659

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1568 CTGACTCAGCAGGCCA 1584  
Db 1 CCGACTCAGCAGGCCA 17

RESULT 1305  
US-09-866-108A-700

Sequence 700, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Aeonica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 700

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-700

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 436 CCCCCAGCGAGATCTC 452  
Db 1 CCCCCAGCGAGATCTC 17

RESULT 1306  
US-09-866-108A-744

Sequence 744, Application US/09866108A

Patent No. 6686188

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26





```

RESULT 1309
US-09-866-108A-748
; Sequence 748, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006684
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: AEOmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 748
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-748

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6,4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps

Qy 1010 AGAGGGGAGGCTCAG 1026
Db 1 AAAGGGGAGACTCTAG 17

RESULT 1310
US-09-866-108A-948/c
; Sequence 948, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456

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; PRIOR APPLICATION NUMBER: PCT/  
; PRIOR FILING DATE: 2001-01-30

US-09-866-108A-1996

Qy 39 GGCAGGAGCAGCAG 55





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; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2901
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-2901

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Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1188 GGCACAGGCGCCCTCC 1204
DB 17 GGCACAGGCGCCCTCC 1

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RESULT 1323
US-09-866-108A-5874/c
; Sequence 5874, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

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```

; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 5874
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-5874

```

```

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 70 CCCAGGCGGCGCCCG 86
DB 17 CCTGGGCGGCGGTCG 1

```

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RESULT 1324
US-09-866-108A-6338/c
; Sequence 6338, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6338
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-6338

```

```

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

1 FILE REFERENCE: AEOICA-7
2
3 CURRENT APPLICATION NUMBER: US/09/866,108A
4
5 CURRENT FILING DATE: 2001-05-25
6
7 PRIOR APPLICATION NUMBER: US 60/207,456
8
9 PRIOR FILING DATE: 2000-05-26
10
11 PRIOR APPLICATION NUMBER: GB 24263.6
12
13 PRIOR FILING DATE: 2000-10-04
14
15 PRIOR APPLICATION NUMBER: US 60/236,359
16
17 PRIOR FILING DATE: 2000-09-27
18
19 PRIOR APPLICATION NUMBER: PCT/US01/00666
20
21 PRIOR FILING DATE: 2001-01-30
22
23 PRIOR APPLICATION NUMBER: PCT/US01/00667
24
25 PRIOR FILING DATE: 2001-01-30
26
27 PRIOR APPLICATION NUMBER: PCT/US01/00664
28
29 PRIOR FILING DATE: 2001-01-30
30
31 PRIOR APPLICATION NUMBER: PCT/US01/00669
32
33 PRIOR FILING DATE: 2001-01-30
34
35 PRIOR APPLICATION NUMBER: PCT/US01/00665

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;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; PRIOR FILING DATE: 2001-01-30  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 6381  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-6381

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1377 CGGGCCGACCTCTCA 1393  
DB 17 CGGGGCTTCTCTCTCA 1

RESULT 1328  
US-09-866-108A-6382/c  
;; Sequence 6382, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,455  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 6382  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-6382

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1376 ACGGGCCGACCTCTC 1392  
DB 17 ACGGGGCTTCTCTCTC 1

RESULT 1329  
US-09-866-108A-6405  
;; Sequence 6405, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark  
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
;; FILE REFERENCE: AEOICA-7  
;; CURRENT APPLICATION NUMBER: US/09/866,108A  
;; CURRENT FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 60/207,456  
;; PRIOR FILING DATE: 2000-05-26  
;; PRIOR APPLICATION NUMBER: GB 24263.6  
;; PRIOR FILING DATE: 2000-10-04  
;; PRIOR APPLICATION NUMBER: US 60/236,359  
;; PRIOR FILING DATE: 2000-09-27  
;; PRIOR APPLICATION NUMBER: PCT/US01/00666  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00667  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00664  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00669  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00665  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00668  
;; PRIOR FILING DATE: 2001-01-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/00663  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 15755  
;; SOFTWARE: Acomica Sequence Listing Engine  
;; Patent No. 6686188  
;; SEQ ID NO 6405  
;; LENGTH: 17  
;; TYPE: DNA  
;; ORGANISM: Homo sapiens  
US-09-866-108A-6405

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 140 AGATCAACGGCAGCTG 156  
DB 1 AGATCAAGCTGCAGATG 17

RESULT 1330  
US-09-866-108A-6793/c  
;; Sequence 6793, Application US/09866108A  
;; Patent No. 6686188  
;; GENERAL INFORMATION:  
;; APPLICANT: GU, Yizhong  
;; APPLICANT: JI, Yonggang  
;; APPLICANT: PENN, Sharron G.  
;; APPLICANT: HANZEL, David K.  
;; APPLICANT: RANK, David R.  
;; APPLICANT: CHEN, Wensheng  
;; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6793  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6793

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 555 CTTACGCGCGGCTCC 571  
Db 17 CCACAGCCACCGCTTC 1  
RESULT 1331  
US-09-866-108A-7038/c  
; Sequence 7038, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 6793  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-6793

; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7038  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7038

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1636 AGGCAGCGGCTGGAGGG 1652  
Db 17 AAGTAGAGGCTGGAGGG 1

RESULT 1332  
US-09-866-108A-7052/c  
; Sequence 7052, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 7052  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-7052

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 194 CCAATGGTCCCTGAG 210  
|||||  
Db 17 CCAATGGTCCCTAAG 1

## RESULT 1333

US-09-866-108A-7841  
; Sequence 7841, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David R.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AECOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 7841  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-7841

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 862 CTGAAGCAGTACCTGGA 878  
|||||  
Db 1 CTGAAGCAGCAGTGGGA 17

## RESULT 1334

US-09-866-108A-8010/c  
; Sequence 8010, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David R.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecomica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8010  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8010

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1468 CTGGGGGAGCGATCCA 1484  
|||||  
Db 17 CTGGGGGAGCTGCTCCA 1

## RESULT 1335

US-09-866-108A-8042  
; Sequence 8042, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David R.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AECOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669

RESULT 1338  
US-09-866-108A-8498/c  
; Sequence 8498, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Shaorong G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.

```

BEST LOCAL SIMILARITY  82.4%;      FREQ. NO: 0.464027
Matches  14:  Conservative      0:  Mismatches  3:  Indels  0:  Gaps  0:

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; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8498
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8498

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 995 ACCTGCTCATCCACGAG 1011
Db 17 AGCTGCTCATCCACGAG 1

RESULT 1339
US-09-866-108A-8724
; Sequence 8724, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8498
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8498

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 995 ACCTGCTCATCCACGAG 1011
Db 17 AGCTGCTCATCCACGAG 1

RESULT 1339
US-09-866-108A-8724
; Sequence 8724, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8498
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8498
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; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8724
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8724

Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 842 TTGAGTACTCGACAAAG 858
Db 1 TCGAGTACTCGACAAAG 17

RESULT 1340
US-09-866-108A-8900/c
; Sequence 8900, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8900
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8900
```

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// APPLICANT: RANK, David R.
// APPLICANT: CHEN, Wensheng
// APPLICANT: SHANNON, Mark
// TITLE OF INVENTION: MYOISIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
// FILE REFERENCE: AEWICA-7
// CURRENT APPLICATION NUMBER: US/09/866,108A
// CURRENT FILING DATE: 2001-05-25
// PRIOR APPLICATION NUMBER: US 60/207,456
// PRIOR FILING DATE: 2000-05-26
// PRIOR APPLICATION NUMBER: GB 24263.6
// PRIOR FILING DATE: 2000-10-04
// PRIOR APPLICATION NUMBER: US 60/236,359
// PRIOR FILING DATE: 2000-09-27
// PRIOR APPLICATION NUMBER: PCT/US01/00666
// PRIOR FILING DATE: 2001-01-30
// PRIOR APPLICATION NUMBER: PCT/US01/00667
// PRIOR FILING DATE: 2001-01-30
// PRIOR APPLICATION NUMBER: PCT/US01/00664
// PRIOR FILING DATE: 2001-01-30
// PRIOR APPLICATION NUMBER: PCT/US01/00669
// PRIOR FILING DATE: 2001-01-30
// PRIOR APPLICATION NUMBER: PCT/US01/00665
// PRIOR FILING DATE: 2001-01-30
// PRIOR APPLICATION NUMBER: PCT/US01/00668
// PRIOR FILING DATE: 2001-01-30
// PRIOR APPLICATION NUMBER: PCT/US01/00663
// PRIOR FILING DATE: 2001-01-30
// Remaining Prior Application data removed - See File Wrapper or PALM.
// NUMBER OF SEQ ID NOS: 15755
// SOFTWARE: Aecmica Sequence Listing Engine
// Patent No. 6686188
// SEQ ID NO 9076
// LENGTH: 17
// TYPE: DNA
// ORGANISM: Homo sapiens
// US-09-866-108A-9076
Query Match      0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred.No.6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps

QY      1442 CCATGAACATCCCATTC 1458
        ||| ||||| |||||
DB       1 CCTGGAGATCCCATTC 17

RESULT 1343
US-09-866-108A-9233
// Sequence 9233, Application US/09866108A
// Patent No. 6686188
// GENERAL INFORMATION:
// APPLICANT: GU, Yizhong
// APPLICANT: JI, Yonggang
// APPLICANT: PENN, Sharon G.
// APPLICANT: HANZEL, David K.
// APPLICANT: RANK, David R.
// APPLICANT: CHEN, Wensheng
// APPLICANT: SHANNON, Mark
// TITLE OF INVENTION: MYOISIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
// FILE REFERENCE: AEWICA-7
// CURRENT APPLICATION NUMBER: US/09/866,108A
// CURRENT FILING DATE: 2001-05-25
// PRIOR APPLICATION NUMBER: US 60/207,456
// PRIOR FILING DATE: 2000-05-26
// PRIOR APPLICATION NUMBER: GB 24263.6
// PRIOR FILING DATE: 2000-10-04
// PRIOR APPLICATION NUMBER: US 60/236,359
// PRIOR FILING DATE: 2000-09-27
// PRIOR APPLICATION NUMBER: PCT/US01/00666
// PRIOR FILING DATE: 2001-01-30
// PRIOR APPLICATION NUMBER: PCT/US01/00667
// PRIOR FILING DATE: 2001-01-30
// PRIOR APPLICATION NUMBER: PCT/US01/00664

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9233
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9233

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1540 GAGGCCAGCTTCGGTC 1556
Db 1 GAGGCCAGCTTCGGTC 17

RESULT 1344
US-09-866-108A-10029/c
; Sequence 10029, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10029
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10029

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1128 GTCCACGAGCACTCCCA 1144
Db 17 GTCCACGAGCACTCCCA 1

RESULT 1345
US-09-866-108A-10096/c
; Sequence 10096, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10096
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10096

Query Match 0.7%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 6.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 TAAGCTGGCAAACTGG 637
Db 17 TCAGGTGGCAAACTGG 1

RESULT 1346
US-09-866-108A-10395
; Sequence 10395, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.

APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 10395  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-10395

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. NO. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 555 CCTCAGCGCGCGCTCC 571  
Db 1 CCTCATCTCGCGTCC 17

RESULT 1347  
US-09-866-108A-10401  
Sequence 10401, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 10402  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-10401

PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 10401  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-10401

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. NO. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 561 CCGCGCCTCCGCTCGTG 577  
Db 1 CCTCGCGCTCCATCGTG 17

RESULT 1348  
US-09-866-108A-10402  
Sequence 10402, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aecmica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 10402  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-10402



US-09-866-108A-10402

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 562 CGCGGCTCCGTCGTGT 578  
DB 1 CTCGGCTCCGTCGTGT 17

RESULT 1349

US-09-866-108A-10607  
; Sequence 10607, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 10607  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-10607

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1486 AAATCTCTGACTACTAC 1502  
DB 1 AGACTTCCGACTCTAC 17

RESULT 1350

US-09-866-108A-10641  
; Sequence 10641, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 10641  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-10641

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 364 GAGAGTGACGAGCTTC 380  
DB 1 GAGACTGGCCAGGCTTC 17

RESULT 1351

US-09-866-108A-10666/c  
; Sequence 10666, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 10666  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-10666

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1024 AAGCTGGCTGACTTTGG 1040  
DB 17 ATGCTGGCTGGCTCTGG 1

RESULT 1352  
US-09-866-108A-10667/c  
Sequence 10667, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharon G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AECOMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aeonica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 10667  
LENGTH: 17  
TYPE: DNA

ORGANISM: Homo sapiens  
US-09-866-108A-10667

Query Match 0.7%; Score 12.2; DB 1; Length 17;  
Best Local Similarity 82.4%; Pred. No. 6.4e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1023 CAAGCTGGCTGACTTTG 1039  
DB 17 CATGCTGGCTGGCTCTG 1

RESULT 1353  
US-07-903-466-9/c  
Sequence 9, Application US/07903466  
Patent No. 5395767  
GENERAL INFORMATION:  
APPLICANT: Murnane, John P.  
APPLICANT: Painter, Robert B.  
APPLICANT: Kapp, Leon N.  
APPLICANT: Yu, Loh C.  
TITLE OF INVENTION: Gene for Ataxia-Telangiectasia  
TITLE OF INVENTION: Complimentation Group D (ATDC)  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Leona L. Lauder  
STREET: Steuart Street Tower, 18th Fl., One Market  
STREET: Plaza  
CITY: San Francisco  
STATE: California  
COUNTRY: San Francisco  
ZIP: 94105  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/903,466  
FILING DATE: 19920622  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Lauder, Leona L.  
REGISTRATION NUMBER: 30,863  
REFERENCE/DOCKET NUMBER: 91-077-1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-777-9275  
TELEFAX: 415-543-4219  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: PCR primer  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-07-903-466-9

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1678 CCCAACTACATCTTCCC 1694  
DB 18 CCGAACTTCATCTTCTC 2

RESULT 1354  
US-08-388-381-36  
Sequence 36, Application US/08388381  
Patent No. 5552283  
GENERAL INFORMATION:

APPLICANT: Diamandis, Eleftherios  
APPLICANT: Dunn, James M.  
APPLICANT: Stevens, John K.  
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis  
TITLE OF INVENTION: Method, Reagents and Targeted Screening for p53 Mutations  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oppedahl & Larson  
STREET: 1992 Commerce Street, Suite 309  
CITY: Yorktown Heights  
STATE: NY  
COUNTRY: USA  
ZIP: 10598-4412  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS 5.0  
SOFTWARE: Word Perfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/388,381  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/271,946  
FILING DATE: 08-JUL-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Marina T. Larson  
REGISTRATION NUMBER: 32,038  
REFERENCE/DOCKET NUMBER: VGEN.P-003-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
TELEX:  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: genomic DNA  
HYPOTHETICAL: no  
ANTI-SENSE: yes  
FRAGMENT TYPE: internal  
ORIGINAL SOURCE:  
ORGANISM: human  
FEATURE:  
NAME/KEY: sequencing primer for exon 9 of human p53 gene  
US-08-388-381-36  
Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 187 GACAAGACCAATGGTGC 203  
Db 2 GAGGAGACCAAGGGTGC 18  
RESULT 1355  
US-08-011-1/c  
Sequence 1, Application US/08200011  
Patent No. 5614396  
GENERAL INFORMATION:  
APPLICANT: BRADLEY, ALLAN  
APPLICANT: DAVIS, ANN  
APPLICANT: HASTY, PAUL  
TITLE OF INVENTION: METHODS FOR THE GENETIC MODIFICATION OF  
TITLE OF INVENTION: ENDOGENOUS GENES IN PLANTS AND ANIMALS  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: HOWREY & SIMON  
STREET: 1299 PENNSYLVANIA AVENUE, N.W.  
CITY: WASHINGTON

STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20004  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/200,011  
FILING DATE: 22-FEB-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: AUERBACH, JEFFREY I  
REGISTRATION NUMBER: 32680  
REFERENCE/DOCKET NUMBER: 00761.002  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 383-7451  
TELEFAX: (202) 383-6610  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Mus musculus  
STRAIN: Embryonic Stem Cell  
IMMEDIATE SOURCE:  
CLONE: AB1; AB2  
US-08-200-011-1  
Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 488 CTGACATCGGCTGCT 504  
Db 18 CTGACATCCACCTTCCT 2  
RESULT 1356  
US-08-319-492B-735/c  
Sequence 735, Application US/08319492B  
Patent No. 5616488  
GENERAL INFORMATION:  
APPLICANT: Sullivan, Sean M.  
APPLICANT: Draper, Kenneth G.  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF IL-5  
NUMBER OF SEQUENCES: 751  
CORRESPONDENCE ADDRESS:  
ADDRESSES: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: Storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/319,492B  
FILING DATE: October 7, 1994

PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/276  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 735:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-319-492B-735

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 40 GCAGGAGGACCAAGT 56  
Db 18 GCAGGAGGATCAGAAAT 2

RESULT 1357  
US-08-319-492B-739  
Sequence 739, Application US/08319492B  
Patent No. 5616488  
GENERAL INFORMATION:  
APPLICANT: Sullivan, Sean M.  
APPLICANT: Draper, Kenneth G.  
APPLICANT: McSwigen, James  
APPLICANT: Stinchcomb, Dan T.  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF IL-5  
NUMBER OF SEQUENCES: 751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/319,492B  
FILING DATE: October 7, 1994  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/276

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 739:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-319-492B-739

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 52.9%; Pred. No. 7.1e+02;  
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 1027 CTGGCTGACTTTGGCCT 1043  
Db 2 CAGGCUGACUUGAACU 18

RESULT 1358  
US-08-183-211-3  
Sequence 3, Application US/08183211  
Patent No. 5618709  
GENERAL INFORMATION:  
APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Givin.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES  
TITLE OF INVENTION: SPECIFIC FOR STK-1 AND METHOD FOR  
TITLE OF INVENTION: INHIBITING EXPRESSION OF THE STK-1 PROTEIN  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEIDEL GONDA LAVORGNA & MONACO  
STREET: Suite 1800, Penn Center Plaza  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: U.S.A.  
ZIP: 19102  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/183,211  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Monaco, Daniel A.  
REGISTRATION NUMBER: 30,480  
REFERENCE/DOCKET NUMBER: 3957-15  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-8383  
TELEFAX: (215) 568-5549  
TELEX: No. 5618709e  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 Nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
US-08-183-211-3

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCCTCAGCGCCGCTC 570  
Db 1 CCCTCGGATCGCGCTC 17

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RESULT 1359
US-08-183-211-6/c
; Sequence 6, Application US/08183211
; Patent No. 5618709
; GENERAL INFORMATION:
; APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
; TITLE OF INVENTION: SPECIFIC FOR STR-1 AND METHOD FOR
; TITLE OF INVENTION: INHIBITING EXPRESSION OF THE STR-1 PROTEIN
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEIDEL GONDA LAVORGNA & MONACO
; STREET: Suite 1800, Penn Center Plaza
; CITY: Philadelphia
; STATE: Pennsylvania
; COUNTRY: U.S.A.
; ZIP: 19102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/183,211
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Monaco, Daniel A.
; REGISTRATION NUMBER: 30,480
; REFERENCE/DOCKET NUMBER: 3957-15
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-8383
; TELEFAX: (215) 568-5549
; TELEX: No. 5618709e
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 Nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-183-211-6
;
; Query Match 0.7%; Score 12.2; DB 1; Length 18;
; Best Local Similarity 82.4%; Pred. No. 7.1e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
Qy 554 CCTCTAGCGCGCGCTC 570
Db 18 CCTCTAGCGCGCGCTC 2
;
RESULT 1360
US-08-384-490-10/c
; Sequence 10, Application US/08384490
; Patent No. 5618711
; GENERAL INFORMATION:
; APPLICANT: Gelfand, David H.
; APPLICANT: Lawyer, Frances C.
; APPLICANT: Stoffel, Susanne
; TITLE OF INVENTION: Recombinant Expression Vectors and
; TITLE OF INVENTION: Purification Methods for Thermus Thermophilus DNA
; TITLE OF INVENTION: Polymerase
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
```

```
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/384,490
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/148,133
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Siab, Stacey R.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8887
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-384-490-10
;
; Query Match 0.7%; Score 12.2; DB 1; Length 18;
; Best Local Similarity 82.4%; Pred. No. 7.1e+02;
; Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
Qy 1413 GGGTCGAAATCGGATCT 1429
Db 18 GGGTCGATATCAGATCT 2
;
RESULT 1361
US-08-729-202-3
; Sequence 3, Application US/08729202
; Patent No. 5700928
; GENERAL INFORMATION:
; APPLICANT: Hodgson, John
; APPLICANT: Burnham, Martin
; TITLE OF INVENTION: NOVEL SALIVA BINDING PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/729,202
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 9521147.0
; FILING DATE: 16-OCT-1995
; APPLICATION NUMBER: 9604599.2
; FILING DATE: 04-MAR-1996
; APPLICATION NUMBER: 9616136.9
; FILING DATE: 01-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Gimmli, Edward R
```

```

; REGISTRATION NUMBER: 38,891
; REFERENCE/DOCKET NUMBER: P31279
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-4478
; TELEFAX: 610-270-5090
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHEetical: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-729-202-3

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1174 ATCTTCTATGAGATGCG 1190
   |||||
Db 2 ATTTTATGATATGCG 18

RESULT 1362
US-08-459-383-10/c
; Sequence 10, Application US/08459383
; Patent No. 5741690
; GENERAL INFORMATION:
; APPLICANT: Gelfand, David H.
; APPLICANT: Lawyer, Frances C.
; APPLICANT: Stoffel, Susanne
; TITLE OF INVENTION: Recombinant Expression Vectors and
; TITLE OF INVENTION: Purification Methods for Thermus Thermophilus DNA
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.
; STREET: 340 Kingsland Street
; CITY: Nutley
; STATE: New Jersey
; COUNTRY: U.S.A.
; ZIP: 07110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,383
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/384,490
; FILING DATE:
; APPLICATION NUMBER: US/08/148,133
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sias, Stacey R.
; REGISTRATION NUMBER: 32,630
; REFERENCE/DOCKET NUMBER: 8887
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 814-2863
; TELEFAX: (510) 814-2977
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

```

```

; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; US-08-459-383-10

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1413 GGGTCGAATCGGATCT 1429
   |||||
Db 18 GGGTTGATATCAGATCT 2

RESULT 1363
US-08-896-371-3
; Sequence 3, Application US/08896371
; Patent No. 5801234
; GENERAL INFORMATION:
; APPLICANT: Hodgson, John
; APPLICANT: Burnham, Martin
; TITLE OF INVENTION: NOVEL SALIVA BINDING PROTEIN
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/896,371
; FILING DATE:
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/729,202
; FILING DATE:
; APPLICATION NUMBER: 9521147.0
; FILING DATE: 16-OCT-1995
; APPLICATION NUMBER: 9604599.2
; FILING DATE: 04-MAR-1996
; APPLICATION NUMBER: 9616136.9
; FILING DATE: 01-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Gimmi, Edward R.
; REGISTRATION NUMBER: 38,891
; REFERENCE/DOCKET NUMBER: P31279
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-4478
; TELEFAX: 610-270-5090
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHEtical: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-896-371-3

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1174 ATCTTCTATGAGATGCG 1190

```



REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 028022-007  
TELEPHONE: (703) 836-6620  
TELEFAX: (703) 836-2021  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "synthetic DNA"  
US-08-800-751-26

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1007 ACGAGGGGGAGGTC 1023  
DB 17 ACGAGGGGGAGGTC 1

RESULT 1367  
US-08-311-486C-1132/c  
Sequence 1132, Application US/08311486C  
Patent No. 5811300  
GENERAL INFORMATION:  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth Draper  
APPLICANT: Kevin Kisch  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
TITLE OF INVENTION: DISEASES OR CONDITIONS  
TITLE OF INVENTION: RELATED TO LEVELS OF  
TITLE OF INVENTION: TNF-  
NUMBER OF SEQUENCES: 1157  
CORRESPONDENCE ADDRESS:  
ADDRESSES: LYON & LYON  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/311.486C  
FILING DATE: September 23, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/166  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1132:

two

SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-311-486C-1132  
Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 266 CCACACGGTGCTCCT 282  
DB 17 CCACCTCCAGCTGCTCCT 1

RESULT 1368  
US-08-578-709-4  
Sequence 4, Application US/08578709  
Patent No. 5814509  
GENERAL INFORMATION:  
APPLICANT: TANABE, Tadashi  
TITLE OF INVENTION: PROSTACYCLIN SYNTHASE DERIVED FROM HUMAN  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSES: SUGHRUE, MION, ZINN, MACPEAK & SEAS  
STREET: 2100 Pennsylvania Avenue, N.W.  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20037  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/578,709  
FILING DATE: 28-DEC-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/JP95/00838  
FILING DATE: 27-APR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 114316/1994  
FILING DATE: 28-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Gubinsky, Louis  
REGISTRATION NUMBER: 24,835  
REFERENCE/DOCKET NUMBER: Q40439  
TELEPHONE: (202)293-7060  
TELEFAX: (202)293-7860  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "PRIMER/SYNTHETIC DNA"  
US-08-578-709-4

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1168 GGCTGCATCTTCTATGA 1184  
DB 2 GGCTGCATCTTCTCTGA 18

RESULT 1369



US-08-485-721-20  
; Sequence 20, Application US/08485721  
; Patent No. 5821124  
; GENERAL INFORMATION:  
; APPLICANT: Regeneron Pharmaceuticals, Inc. and  
; APPLICANT: Regents of the University of California  
; TITLE OF INVENTION: Dorsal Tissue Affecting Factor and  
; TITLE OF INVENTION: Compositions  
; NUMBER OF SEQUENCES: 24  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
; STREET: 777 Old Saw Mill River Road  
; CITY: Tarrytown  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10591  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/485,721  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/392,935  
; FILING DATE: 02-SEP-1993  
; APPLICATION NUMBER: PCT/US93/08326  
; FILING DATE: 02-SEP-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kempler Ph.D., Gail M.  
; REGISTRATION NUMBER: 32,143  
; REFERENCE/DOCKET NUMBER: Reg 132  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 914-347-7000  
; INFORMATION FOR SEQ ID NO: 20:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: DNA  
US-08-485-721-20  
Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 1224 GGAGGACACTTACT 1240  
Db 1 GCAGGACACTTACT 17  
RESULT 1370  
US-08-110-294A-47/c  
; Sequence 47, Application US/08110294A  
; Patent No. 5821234  
; GENERAL INFORMATION:  
; APPLICANT: D'au, Victor J  
; TITLE OF INVENTION: Inhibition of Proliferation of Vascular  
; TITLE OF INVENTION: Smooth Muscle Cell  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Allegritti & Witcoff, Ltd.  
; STREET: 10 South Wacker Dr.  
; CITY: Chicago  
; STATE: IL  
; COUNTRY: USA  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/110,294A  
; FILING DATE: 20-AUG-1993  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/063,980  
; FILING DATE: 19-MAY-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/944,882  
; FILING DATE: 10-SEP-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: McDonnell, John J  
; REGISTRATION NUMBER: 26,949  
; REFERENCE/DOCKET NUMBER: 93,510-B  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 312-715-1000  
; TELEFAX: 312-715-1234  
; INFORMATION FOR SEQ ID NO: 47:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: CDNA  
US-08-110-294A-47  
Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
Qy 940 GGCTGGCTACTGCA 956  
Db 18 GGCTAGCTTCTGCA 2  
RESULT 1371  
US-08-392-935-20  
; Sequence 20, Application US/08392935  
; Patent No. 5843775  
; GENERAL INFORMATION:  
; APPLICANT: Regeneron Pharmaceuticals, Inc. and  
; APPLICANT: Regents of the University of California  
; TITLE OF INVENTION: Dorsal Tissue Affecting Factor and  
; TITLE OF INVENTION: Compositions  
; NUMBER OF SEQUENCES: 24  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
; STREET: 777 Old Saw Mill River Road  
; CITY: Tarrytown  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10591  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/392,935  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US93/08326  
; FILING DATE: 02-SEP-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Kempler Ph.D., Gail M.  
; REGISTRATION NUMBER: 32,143  
; REFERENCE/DOCKET NUMBER: Reg 132  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 914-347-7000

TELEFAX: 914-347-2113  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA  
US-08-392-935-20

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1224 GCAGGAACAGCTACACT 1240  
DB 1 GCAGGAACACTTACACT 17

RESULT 1372  
US-08-117-952-178  
Sequence 178, Application US/08117952  
Patent No. 5851760  
GENERAL INFORMATION:  
APPLICANT: Evans, Glen A.  
APPLICANT: Smith, Michael W.  
TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE  
TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES  
NUMBER OF SEQUENCES: 797  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark  
STREET: 444 South Flower Street, Suite 2000  
CITY: Los Angeles  
STATE: CA  
COUNTRY: USA  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/117,952  
FILING DATE: 07-SEP-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/078,471  
FILING DATE: 15-JUN-1993

ATTORNEY/AGENT INFORMATION:  
NAME: Reiter, Stephen E.  
REGISTRATION NUMBER: 31,192  
REFERENCE/DOCKET NUMBER: P41 9423  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 619-546-4737  
TELEFAX: 619-546-9392

INFORMATION FOR SEQ ID NO: 178:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Oligonucleotide  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-117-952-178

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1367 TTGATAGCGCGGGCC 1383  
DB 2 TTGCTAGTGTGGGGCC 18

RESULT 1373  
US-08-461-990B-30/C  
Sequence 30, Application US/08461990B  
Patent No. 5851810  
GENERAL INFORMATION:  
APPLICANT: JOHN S. BLANCHARD  
TITLE OF INVENTION: NUCLEIC ACID ENCODING RHODOCOCCUS  
TITLE OF INVENTION: PHENYLALANINE DEHYDROGENASE  
NUMBER OF SEQUENCES: 30  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: ANSTER, ROTHSTEIN & EBENSTEIN  
STREET: 90 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: U.S.A.  
ZIP: 10016

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 INCH 1.44 Mb STORAGE DISKETTE  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: ASCII

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/461,990B  
FILING DATE: JUNE 5, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: CRAIG J. ARNOLD  
REGISTRATION NUMBER: 34,287  
REFERENCE/DOCKET NUMBER: 96700/370  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 697-5995  
TELEFAX: (212) 286-0854 or 286-0082  
TELEX: TWX 710-581-4766

INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:

LENGTH: 18  
TYPE: NUCLEIC ACID  
STRANDEDNESS: SINGLE  
TOPOLOGY: LINEAR  
MOLECULE TYPE: OLIGONUCLEOTIDE  
DESCRIPTION: NO  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: RHODOCOCCUS SP. M4  
INDIVIDUAL ISOLATE: PHENYLALANINE DEHYDROGENASE  
US-08-461-990B-30

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 455 CTGAGGACATCAACAG 471  
DB 17 CCGAGACATCGACAG 1

RESULT 1374  
US-08-627-254C-16/c  
Sequence 16, Application US/08627254C  
Patent No. 5859229  
GENERAL INFORMATION:  
APPLICANT: Kniss, Douglas A.  
TITLE OF INVENTION: Ricosanoid Formation  
NUMBER OF SEQUENCES: 29  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Calfee, Halter & Griwold LLP  
STREET: 800 Superior Avenue  
CITY: Cleveland  
STATE: Ohio  
COUNTRY: USA  
ZIP: 44114

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/627,254C  
FILING DATE:  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Goltick, Mary E  
REGISTRATION NUMBER: 34,829  
REFERENCE/DOCKET NUMBER: 18595/00107  
TELEPHONE: (216) 622-8200  
TELEFAX: (216) 241-0816  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA to mRNA  
ANTI-SENSE: YES  
US-08-627-254C-16

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 97 GTTCTCGCGCGCCGCC 113  
Db 18 GATGCTCGCGCGCCGCC 2

RESULT 1375  
US-08-404-531B-13/c  
Sequence 13, Application US/08404531B  
Patent No. 5863724  
GENERAL INFORMATION:  
APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela  
APPLICANT: Thomas, Gilbert Cole, and Robert Gagel  
TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor  
Patent No. 5863724  
NUMBER OF SEQUENCES: 49  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &  
ADDRESSEE: No. 5863724is  
STREET: One Liberty Place 46th. Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/404,531B  
FILING DATE: 15-MAR-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Beardell, Lori Y.  
REGISTRATION NUMBER: 34,293  
REFERENCE/DOCKET NUMBER: BYLR-0003  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid

STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: nucleic acids  
HYPOHETICAL: NO  
ANTI-SENSE: YES  
US-08-404-531B-13

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1388 TCCTCACCAGCTGTG 1404  
Db 18 TCCTCACCATCCAGTTG 2

RESULT 1376  
US-08-389-926-47/c  
Sequence 47, Application US/08389926  
Patent No. 5869462  
GENERAL INFORMATION:  
APPLICANT: Dzau, Victor J  
TITLE OF INVENTION: Inhibition of Proliferation of Vascular  
TITLE OF INVENTION: Smooth Muscle Cell  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Banner & Allegretti, Ltd.  
STREET: 10 South Wacker Dr.  
CITY: Chicago  
STATE: IL  
COUNTRY: USA  
ZIP: 60606  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/389,926  
FILING DATE: 16 FEB 1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/063,980  
FILING DATE: 19-MAY-1993  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/944,882  
FILING DATE: 10-SEP-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: McDonnell, John J  
REGISTRATION NUMBER: 26,949  
REFERENCE/DOCKET NUMBER: 93,510-D  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 312-715-1000  
TELEFAX: 312-715-1234  
INFORMATION FOR SEQ ID NO: 47:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: cDNA  
US-08-389-926-47

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 940 GGCCTGGCCTACTGCCA 956  
Db 18 GGCCTAGCTTCTGCCA 2

RESULT 1377  
US-08-468-551-5/c  
; Sequence 5, Application US/08468551  
; Patent No. 5874212  
; GENERAL INFORMATION:  
; APPLICANT: Prockop, Darwin J.  
; APPLICANT: Rock, Matthew J.  
; APPLICANT: Ganguly, Arupa  
; TITLE OF INVENTION: DETECTION OF SINGLE BASE MUTATIONS AND  
; TITLE OF INVENTION: OTHER VARIATIONS IN DOUBLE STRANDED DNA BY  
; TITLE OF INVENTION: CONFORMATION-SENSITIVE CELL ELECTROPHORESIS  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.  
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND  
; CITY: PHILADELPHIA  
; STATE: PENNSYLVANIA  
; COUNTRY: UNITED STATES  
; ZIP: 19103-7086  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Doyle Leary Ph.D., Kathryn  
; REGISTRATION NUMBER: 36,317  
; REFERENCE/DOCKET NUMBER: 9855-5U1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-965-1284  
; TELEFAX: 215-567-2991  
; TELEX: 831-494  
; INFORMATION FOR SEQ ID NO: 5:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
US-08-468-551-5  
Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 907 AACGTGAACTGTCCT 923  
Db 18 AAGTGCAACTGTCCT 2  
RESULT 1378  
US-08-551-7/c  
; Sequence 7, Application US/08468551  
; Patent No. 5874212  
; GENERAL INFORMATION:  
; APPLICANT: Prockop, Darwin J.  
; APPLICANT: Rock, Matthew J.  
; APPLICANT: Ganguly, Arupa  
; TITLE OF INVENTION: DETECTION OF SINGLE BASE MUTATIONS AND  
; TITLE OF INVENTION: OTHER VARIATIONS IN DOUBLE STRANDED DNA BY  
; TITLE OF INVENTION: CONFORMATION-SENSITIVE CELL ELECTROPHORESIS  
; NUMBER OF SEQUENCES: 9  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.  
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND  
; CITY: PHILADELPHIA  
; STATE: PENNSYLVANIA

COUNTRY: UNITED STATES  
ZIP: 19103-7086  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/468,551  
FILING DATE: 06-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Doyle Leary Ph.D., Kathryn  
REGISTRATION NUMBER: 36,317  
REFERENCE/DOCKET NUMBER: 9855-5U1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-965-1284  
TELEFAX: 215-567-2991  
TELEX: 831-494  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-468-551-7  
Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
QY 907 AACGTGAACTGTCCT 923  
Db 18 AAGTGCAACTGTCCT 2  
RESULT 1379  
US-08-585-684B-2686/c  
; Sequence 2686, Application US/08585684B  
; Patent No. 5877021  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2/51  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Watburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2686:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2686

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1703 CTCGCGCTACCTGCGCTG 1719
Db 18 CTCGCGCAACTGCGCTG 2

RESULT 1380
US-08-990-818-26/c
; Sequence 26, Application US/08990818
; Patent No. 5910432
; GENERAL INFORMATION:
; APPLICANT: ITO, Kiyoshi
; APPLICANT: YAMAKI, Toshifumi
; APPLICANT: ARII, Tetuo
; APPLICANT: TSURUOKA, Miyuki
; APPLICANT: NAKAMURA, Takeshi
; TITLE OF INVENTION: NOVEL NITRILE HYDRATASE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/990,818
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: 08/800,751
; APPLICATION NUMBER: 08/800,751
; FILING DATE:
; APPLICATION NUMBER: JP 8-027004
; FILING DATE: 14-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 028022-007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
; US-08-990-818-26

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2686:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-2686

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1007 ACGAGGGGAGAGCTC 1023
Db 17 ACGAGGGTGGTGGCTC 1

RESULT 1381
US-09-197-378-24
; Sequence 24, Application US/09197378
; Patent No. 5959097
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION
; FILE REFERENCE: RTS-0017
; CURRENT APPLICATION NUMBER: US/09/197,378
; CURRENT FILING DATE: 1998-11-20
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-197-378-24

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 839 TCTTTGAGTACTGGAC 855
Db 1 TCTTTGAGCAGCTGGTC 17

RESULT 1382
US-09-161-015-40
; Sequence 40, Application US/09161015A
; Patent No. 5965370
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF RHO G EXPRESSION
; FILE REFERENCE: RTS-0015
; CURRENT APPLICATION NUMBER: US/09/161,015A
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 40
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-161-015-40

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 AGCTGGACAACTGGGC 639
Db 1 AGCTGGATGAACTGGTC 17

RESULT 1383
US-09-205-860-35/c
; Sequence 35, Application US/09205860
; Patent No. 5981732
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION
; FILE REFERENCE: RTS-0031
; CURRENT APPLICATION NUMBER: US/09/205,860
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; CURRENT FILING DATE: 1998-12-04  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 35  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-205-860-35

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 458 AGGACATCAACAGCGC 474  
DB 17 AGGACTTCGACCGC 1

RESULT 1384  
US-09-213-768-22/c  
; Sequence 22, Application US/09213768  
; Patent No. 5985664  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker  
; APPLICANT: Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SENTRIN EXPRESSION  
; CURRENT APPLICATION NUMBER: US/09/213,768  
; CURRENT FILING DATE: 1998-12-17  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 22  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-213-768-22

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 766 CTCAGGACCTCAACA 782  
DB 18 CTCAGAAACTCAAGA 2

RESULT 1385  
US-08-696-497B-3  
; Sequence 3, Application US/08696497B  
; Patent No. 6007231  
; GENERAL INFORMATION:  
; APPLICANT: Vijg, Jan and Bishop, Robert  
; TITLE OF INVENTION: Method of Computer Aided  
; TITLE OF INVENTION: Diagnostic DNA Test Design, and Apparatus Therefor  
; NUMBER OF SEQUENCES: 15  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Rines & Rines  
; STREET: 81 No. 6007231th State Street  
; CITY: Concord  
; STATE: NH  
; COUNTRY: USA  
; ZIP: 03301  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette, 3.50 inch  
; COMPUTER: IBM PC  
; OPERATING SYSTEM: MS-DOS  
; SOFTWARE: Microsoft No. 6007231epad  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/696,497B  
; FILING DATE: 14-AUG-1996  
; CLASSIFICATION: 435

PRIOR APPLICATION DATA: NO. 6007231e  
ATTORNEY/AGENT INFORMATION:  
; NAME: Rines, Robert H.  
; REGISTRATION NUMBER: 15,932  
TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (603) 228-0121  
; TELEFAX: (603) 228-0210  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: double stranded  
; TOPOLOGY: linear  
; MOLECULE TYPE: genomic DNA  
; HYPOTHETICAL: no  
; ANTI-SENSE: no  
; ORIGINAL SOURCE:  
; ORGANISM: human  
; IMMEDIATE SOURCE:  
; LIBRARY: genomic  
; POSITION IN GENOME:  
; CHROMOSOME/SEGMENT: 17/p  
US-08-696-497B-3

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;  
  
QY 671 AAAGCAAGCTCACAGAC 687  
DB 1 AAAGCAGCTCCAGCC 17

RESULT 1386  
US-09-106-038A-76/c  
; Sequence 76, Application US/09106038A  
; Patent No. 6007995  
; GENERAL INFORMATION:  
; APPLICANT: Brenda F. Baker and Lex M. Cowser  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1  
; TITLE OF INVENTION: EXPRESSION  
; NUMBER OF SEQUENCES: 91  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Isis Pharmaceuticals, Inc.  
; STREET: 2292 Faraday Avenue  
; CITY: Carlsbad  
; STATE: CA  
; COUNTRY: U.S.A.  
; ZIP: 92008  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: Windows NT  
; SOFTWARE: Microsoft Word 97  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/106,038A  
; FILING DATE: June 26, 1998  
; CLASSIFICATION: 514  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Laurel Spear Bernstein  
; REGISTRATION NUMBER: 37,280  
; REFERENCE/DOCKET NUMBER: RTS-0004  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (760) 931-9200  
; TELEFAX: (760) 603-3820  
; INFORMATION FOR SEQ ID NO: 76:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-106-038A-76

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; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SVAD1 EXPRESSION
; FILE REFERENCE: RTS-0040
; CURRENT APPLICATION NUMBER: US/09/255,911
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 46
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-911-44

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1445 TGAACATCCATCTTTC 1461
Db       1 TGATCATCCATCTTTC 17

RESULT 1390
US-09-289-376-42
; Sequence 42, Application US/09289376
; Patent No. 6013788
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SVAD3 EXPRESSION
; FILE REFERENCE: RTS-0043
; CURRENT APPLICATION NUMBER: US/09/289,376
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 42
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-376-42

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      90 CTCGTGAGTTGCTGCGG 105
Db       1 CTCGTGTTTGTCTGTG 17

RESULT 1391
US-09-357-072-17/c
; Sequence 17, Application US/09357072
; Patent No. 6015712
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Brenda F. Baker
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION
; FILE REFERENCE: RTS-0027
; CURRENT APPLICATION NUMBER: US/09/357,072
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-072-17

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Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 208 GACGAGATAGGCGTGA 224
Db 18 GAGCAGAACGACCTGGA 2

RESULT 1392
US-09-357-072-36
; Sequence 36, Application US/09357072
; Patent No. 6015712
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Brenda F. Baker
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF FADD EXPRESSION
; FILE REFERENCE: RTS-0027
; CURRENT APPLICATION NUMBER: US/09/357,072
; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-357-072-36

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 46 GGACGACGAGTGCTGACT 62
Db 2 GGAGTACAGTGCTGACT 18

RESULT 1393
US-09-161-443-33/c
; Sequence 33, Application US/09161443A
; Patent No. 6020198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION
; FILE REFERENCE: RTS-0011
; CURRENT APPLICATION NUMBER: US/09/161.443A
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-443-33

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 188 ACAAGACCAATGGTGCC 204
Db 17 ACAGACCACTGGATCC 1

RESULT 1394
US-09-339-964-17/c
; Sequence 17, Application US/09339964
```

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; Patent No. 6025198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
; FILE REFERENCE: RTS-0065
; CURRENT APPLICATION NUMBER: US/09/339,964
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 17
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-964-17

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 460 GACATCAGACGCGCT 476
Db 18 GACCTCACTACGCGCT 2

RESULT 1395
US-08-665-259-40
; Sequence 40, Application US/08665259
; Patent No. 6028173
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Dackowski, William R.
; APPLICANT: Van Raay, Terence J.
; APPLICANT: Klinger, Katherine W.
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
; COMPOSITIONS, METHODS OF MAKING AND USING SAME
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/665,259
; FILING DATE: 17-JUN-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IGS-9.1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 872-5415
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide primer"
US-08-665-259-40
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Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. NO. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1430 CCGCAGAGGATGCCATG 1445
Db 1 CCGCAGAGGATGCTGTG 17

RESULT 1396
US-08-762-500-40
; Sequence 40, Application US/08762500
; Patent No. 6030806
; GENERAL INFORMATION:
; APPLICANT: Landes, Gregory M.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Dackowski, William R.
; APPLICANT: Van Raay, Terence J.
; APPLICANT: Klinger, Katherine W.
; TITLE OF INVENTION: NOVEL HUMAN CHROMOSOME 16 GENES,
; TITLE OF INVENTION: COMPOSITIONS, METHODS OF MAKING AND USING SAME
; NUMBER OF SEQUENCES: 83
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENZYME CORPORATION
; STREET: One Mountain Road
; CITY: Framingham
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 01701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 09-DEC-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION NUMBER: US 08/665,259
; FILING DATE: 17-JUN-1996
; PRIOR APPLICATION NUMBER: PCT/US96/10469
; FILING DATE: 17-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Dugan, Deborah A.
; REGISTRATION NUMBER: 37,315
; REFERENCE/DOCKET NUMBER: IGS-9.3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (508) 872-8400
; TELEFAX: (508) 872-5415
; INFORMATION FOR SEQ ID NO: 40:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide primer"
; US-08-762-500-40

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. NO. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1430 CCGCAGAGGATGCCATG 1446
Db 1 CCGCAGAGGATGCTGTG 17

RESULT 1397
US-08-476-900A-13/c

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. NO. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1388 TCCTCACCAGCTGTG 1404
Db 18 TCCTCACCAGCTGTG 2

RESULT 1398
US-09-014-065-4/c
; Sequence 4, Application US/09014065
; Patent No. 6033854
; GENERAL INFORMATION:
; APPLICANT: Kurnit, David M.
; APPLICANT: Chiang, Pei-Wen
; APPLICANT: Wang, Chang-Ning J.
; TITLE OF INVENTION: METHOD FOR DETERMINING THE COPY NUMBER OF A NUCLEIC ACID SEQUE
; FILE REFERENCE: 06498/004001
; CURRENT APPLICATION NUMBER: US/09/014,065
; CURRENT FILING DATE: 1998-01-27
; EARLIER APPLICATION NUMBER: US 08/434,474
; EARLIER FILING DATE: 1995-05-04
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
```

US-09-014-065-4

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 553 CCCTCAGCGCGCT 569  
||| ||||| |||||  
Db 18 CCACTCAGTCGCACCT 2

RESULT 1399

US-09-289-377-47  
; Sequence 47, Application US/09289377  
; Patent No. 6046321  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I1 EXPRESSION  
; FILE REFERENCE: RTS-0058  
; CURRENT APPLICATION NUMBER: US/09/289,377  
; CURRENT FILING DATE: 1999-04-09  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 47  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-289-377-47

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 141 GATCAACGCGCCTGT 157  
||| ||||| |||||  
Db 2 GATCCAAAGCGCCTGT 18

RESULT 1400

US-08-488-546A-13/c  
; Sequence 13, Application US/08488546A  
; Patent No. 6054313  
; GENERAL INFORMATION:  
; APPLICANT: Joseph Bryan, Lydia Aguilar Bryan, Daniel Nelson, Pamela  
; APPLICANT: Thomas, Gilbert Cote, and Robert Gagel  
; TITLE OF INVENTION: Sequence Encoding Mammalian Sulfonylurea Receptor  
; Patent No. 6054313  
; NUMBER OF SEQUENCES: 49  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &  
; ADDRESSEE: NO. 6054313ris  
; STREET: One Liberty Place 46th. Floor  
; CITY: Philadelphia  
; STATE: PA  
; COUNTRY: USA  
; ZIP: 19103

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/488,546A  
; FILING DATE: 07-JUNE-1995  
; CLASSIFICATION: 800  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/404,531  
; FILING DATE: 15-MARCH-1995  
; CLASSIFICATION: 800  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Beardsell, Lori Y.  
; REGISTRATION NUMBER: 34,293

REFERENCE/DOCKET NUMBER: BYLR-0026  
TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 215-568-3100  
; TELEFAX: 215-568-3439  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: nucleic acids  
; HYPOTHETICAL: NO  
; ANTI-SENSE: YES  
US-08-488-546A-13

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1388 TCCTCACCACGCTGTTG 1404  
||||| ||||| |||||  
Db 18 TCCTCACCACGCTGTTG 2

RESULT 1401

US-09-339-775-8  
; Sequence 8, Application US/09339775  
; Patent No. 6063626  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I3 EXPRESSION  
; FILE REFERENCE: RTS-0069  
; CURRENT APPLICATION NUMBER: US/09/339,775  
; CURRENT FILING DATE: 1999-06-24  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 8  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-339-775-8

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1117 ATCTGCTTGGGTCCAC 1133  
||||| ||||| |||||  
Db 1 ATCTGCTTGGGTCCAC 17

RESULT 1402

US-09-121-920-19  
; Sequence 19, Application US/09121920  
; Patent No. 6066460  
; GENERAL INFORMATION:  
; APPLICANT: Kirschner, Mark W.  
; APPLICANT: Kinoshita, No. 6066460iyuki  
; TITLE OF INVENTION: METHOD FOR CLONING SECRETED PROTEINS  
; FILE REFERENCE: HMV-022.01  
; CURRENT APPLICATION NUMBER: US/09/121,920  
; CURRENT FILING DATE: 1998-07-24  
; EARLIER APPLICATION NUMBER: 60/053,586  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: Patent In Ver. 2.0  
; SEQ ID NO 19  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: primer  
US-09-121-920-19

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 994 AACCTGCTCATCAACGA 1010  
 ||||| ||||| ||||| ||||| |||||  
 Db 2 AACCTCCCATCAACCA 18

RESULT 1403  
 US-08-765-626-36  
 ; Sequence 36, Application US/08765626  
 ; Patent No. 6071726  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Visible Genetics Inc.  
 ; APPLICANT: Diamandis, Eleftherios  
 ; APPLICANT: Stevens, John K.  
 ; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis  
 ; TITLE OF INVENTION: and Targeted Screening for p53 Mutations  
 ; NUMBER OF SEQUENCES: 41  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Oppedahl & Larson  
 ; STREET: 1992 Commerce Street, Suite 309  
 ; CITY: Yorktown Heights  
 ; STATE: NY  
 ; COUNTRY: USA  
 ; ZIP: 10598-4412  
 ; COMPUTER READABLE FORM:  
 ; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: DOS 5.0  
 ; SOFTWARE: Word Perfect  
 ; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/08/765,626  
 ; FILING DATE:  
 ; CLASSIFICATION:  
 ; PRIOR APPLICATION DATA: PCT/US95/08605  
 ; APPLICATION NUMBER:  
 ; FILING DATE:  
 ; PRIOR APPLICATION DATA: 08/388,381  
 ; FILING DATE: 14-FEB-1995  
 ; ATTORNEY/AGENT INFORMATION:  
 ; NAME: Marina T. Larson  
 ; REGISTRATION NUMBER: 32,038  
 ; REFERENCE/DOCKET NUMBER: VGEN.P-003-US  
 ; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: (914) 245-3252  
 ; TELEFAX: (914) 962-4330  
 ; TELEX:  
 ; INFORMATION FOR SEQ ID NO: 36:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 18  
 ; TYPE: nucleic acid  
 ; STRANDEDNESS: single  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: Genomic DNA  
 ; HYPOTHETICAL: no  
 ; ANTI-SENSE: yes  
 ; FRAGMENT TYPE: internal  
 ; ORIGINAL SOURCE:  
 ; ORGANISM: human  
 ; FEATURE:  
 ; NAME/KEY: sequencing primer for exon 9 of human p53 gene  
 ; US-08-765-626-36

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 187 GACAGACCATGCTGC 203  
 ||||| ||||| ||||| ||||| |||||

Db 2 GAGGAGACCAAGGTGC 18

RESULT 1404  
 US-08-897-236-20  
 ; Sequence 20, Application US/08897236A  
 ; Patent No. 6075007  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Regeneron Pharmaceuticals, Inc.  
 ; TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition  
 ; FILE REFERENCE: REG 133  
 ; CURRENT APPLICATION NUMBER: US/08/897,236A  
 ; CURRENT FILING DATE: 1997-07-17  
 ; NUMBER OF SEQ ID NOS: 23  
 ; SOFTWARE: PatentIn Ver. 2.0  
 ; SEQ ID NO 20  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide  
 ; US-08-897-236-20

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1224 GGAGGAACAGCTTACACT 1240  
 ||||| ||||| ||||| ||||| |||||  
 Db 1 GCAGGAACACTTACACT 17

RESULT 1405  
 US-09-143-212-17  
 ; Sequence 17, Application US/09143212B  
 ; Patent No. 6077672  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brett P. Monia and Lex M. Cowsett  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION  
 ; FILE REFERENCE: RIS-0005  
 ; CURRENT APPLICATION NUMBER: US/09/143,212B  
 ; CURRENT FILING DATE: 1998-08-28  
 ; NUMBER OF SEQ ID NOS: 87  
 ; SEQ ID NO 17  
 ; LENGTH: 18  
 ; TYPE: DNA  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Antisense Oligonucleotide  
 ; US-09-143-212-17

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
 Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1293 GTCCACGAGGAGTCCA 1309  
 ||||| ||||| ||||| ||||| |||||  
 Db 1 GTCCACGAGGAGTCCA 17

RESULT 1406  
 US-09-143-212-18  
 ; Sequence 18, Application US/09143212B  
 ; Patent No. 6077672  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Brett P. Monia and Lex M. Cowsett  
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION  
 ; FILE REFERENCE: RIS-0005  
 ; CURRENT APPLICATION NUMBER: US/09/143,212B  
 ; CURRENT FILING DATE: 1998-08-28  
 ; NUMBER OF SEQ ID NOS: 87  
 ; SEQ ID NO 18  
 ; LENGTH: 18

; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-143-212-18

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1287 CATCTGTGTCACGAGG 1303  
||| |||||  
Db 2 CACCTTGTCACGAGG 18

## RESULT 1407

US-09-143-212-45  
; Sequence 45, Application US/09143212B  
; Patent No. 6077672  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia and Lex M. Cowseert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION  
; FILE REFERENCE: RTS-0005  
; CURRENT APPLICATION NUMBER: US/09/143,212B  
; CURRENT FILING DATE: 1998-08-28  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 45  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-143-212-45

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 230 GTGGTGGTGGCGGC 246  
||| |||||  
Db 2 GTGGCGCGCGCGGC 18

## RESULT 1408

US-09-143-212-45/c  
; Sequence 45, Application US/09143212B  
; Patent No. 6077672  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia and Lex M. Cowseert  
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION  
; FILE REFERENCE: RTS-0005  
; CURRENT APPLICATION NUMBER: US/09/143,212B  
; CURRENT FILING DATE: 1998-08-28  
; NUMBER OF SEQ ID NOS: 87  
; SEQ ID NO 45  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-143-212-45

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 555 CTTACGCGCGCGCTCC 571  
||| |||||  
Db 17 CGCGCGCGCGCGCACC 1

## RESULT 1409

US-09-163-162-44/c

; Sequence 44, Application US/09163162  
; Patent No. 6077709  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Ackermann, Elizabeth J.  
; APPLICANT: Swayze, Eric E.  
; APPLICANT: Cowseert, Lex M.  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: RTS-0008  
; CURRENT APPLICATION NUMBER: US/09/163,162  
; CURRENT FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 44  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-163-162-44

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TGACATTATCCACGG 820  
||| |||||  
Db 17 TCACGTTCTCCACGG 1

## RESULT 1410

US-09-050-559C-13  
; Sequence 13, Application US/09050559C  
; Patent No. 6096502  
; GENERAL INFORMATION:  
; APPLICANT: Sam S-K Lee  
; TITLE OF INVENTION: NOVEL SUBSTRATE FOR DETECTING UL9  
; FILE REFERENCE: HELICASE ACTIVITY  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: David J. Weitz, Wilson Sonsini Goodrich  
; ADDRESSEE: & Rosati  
; STREET: 650 Page Mill Road  
; CITY: Palo Alto  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94304-1050  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch diskette  
; COMPUTER: IBM compatible  
; OPERATING SYSTEM: Microsoft Windows 95/DOS 5.0  
; SOFTWARE: Wordperfect for windows 6.0,  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/050,559C  
; FILING DATE:  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: David J. Weitz  
; REGISTRATION NUMBER: 38,362  
; REFERENCE/DOCKET NUMBER: 16842-746  
; TELEPHONE: (650) 493-9300  
; TELEFAX: (650) 493-6811  
; INFORMATION FOR SEQ ID NO: 13:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 nucleotides  
; TYPE: nucleic acid  
; STRANDEDNESS: double  
; TOPOLOGY: linear  
US-09-050-559C-13

```
Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1546 AGCCTCGGCTTCGTC 1562
DB 1 AGCTTCGCACTTCGTC 17

RESULT 1411
US-09-205-143-61
; Sequence 61, Application US/09205143
; Patent No. 6107091
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-16 EXPRESSION
; FILE REFERENCE: RTS-0032
; CURRENT APPLICATION NUMBER: US/09/205,143
; CURRENT FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 61
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-205-143-61

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 360 TGGGAGAGTGACCAGG 376
DB 1 TGGAGAGATGACCAGG 17

RESULT 1412
US-09-280-409-59/c
; Sequence 59, Application US/09280409
; Patent No. 6107092
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 59
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-280-409-59

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1154 ACATGTGGGGTGTGGC 1170
DB 17 ACCTGTGGGGAGTGGTC 1

RESULT 1413
US-09-289-466-46
; Sequence 46, Application US/09289466A
; Patent No. 6124272
; GENERAL INFORMATION:
```

```
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PDK-1 EXPRESSION
; FILE REFERENCE: RTS-0060
; CURRENT APPLICATION NUMBER: US/09/289,466A
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-466-46

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 913 AAACGTCTCTCTGTCCA 929
DB 1 AGACTTTCTCTGTCCA 17

RESULT 1414
US-09-291-837-7/c
; Sequence 7, Application US/09291837
; Patent No. 6143503
; GENERAL INFORMATION:
; APPLICANT: Baskerville, Donald Scott
; APPLICANT: Bartel, David P.
; TITLE OF INVENTION: Use of a Ribozyme to Join Nucleic Acids
; FILE REFERENCE: WH197-17pA
; CURRENT APPLICATION NUMBER: US/09/291,837
; CURRENT FILING DATE: 1999-04-14
; EARLIER APPLICATION NUMBER: 60/082,256
; EARLIER FILING DATE: 1998-04-17
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ribozyme sequence
US-09-291-837-7

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 162 GACACTCCGAGGTGGCC 178
DB 17 GACACTCGGAGCTGTCC 1

RESULT 1415
US-09-286-407-44/c
; Sequence 44, Application US/09286407A
; Patent No. 6165788
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Ackermann, Elizabeth J.
; APPLICANT: Swayze, Eric E.
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: ANTISENSE MODULATION OF Survivin EXPRESSION
; FILE REFERENCE: ISPH-0349
; CURRENT APPLICATION NUMBER: US/09/286,407A
; CURRENT FILING DATE: 1999-04-05
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 44
; LENGTH: 18
```

;; TYPE: DNA  
;; ORGANISM: Artificial Sequence  
;; FEATURE:  
;; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-286-407-44

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TGACATATCCACAGG 820  
Db 17 TCACGTTCTCCACAGG 1

RESULT 1416  
US-09-474-922A-77/c  
; Sequence 77, Application US/09474922A  
; Patent No. 6187586  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; APPLICANT: Richard A. Roth  
; TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION  
; FILE REFERENCE: RTS-0036  
; CURRENT APPLICATION NUMBER: US/09/474,922A  
; CURRENT FILING DATE: 1999-12-29  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 77  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-474-922A-77

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1217 CCACGGTGAGGACAG 1233  
Db 18 CTTGGTGAGGACCAG 2

RESULT 1417  
US-09-038-073-2686/c  
; Sequence 2686, Application US/09038073  
; Patent No. 6194150  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/038,073

;; FILING DATE:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/585,684  
;; FILING DATE:  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Warburg, Richard  
;; REGISTRATION NUMBER: 32,327  
;; REFERENCE/DOCKET NUMBER: 218/078  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (213) 489-1600  
;; TELEFAX: (213) 955-0440  
;; TELEX: 67-3510  
;; INFORMATION FOR SEQ ID NO: 2686:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 18 base pairs  
;; TYPE: nucleic acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
US-09-038-073-2686

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1703 CTCGCTACCTGCCTG 1719  
Db 18 CTCGGCCACCTGCCTG 2

RESULT 1418  
US-09-071-433-39  
; Sequence 39, Application US/09071433A  
; Patent No. 6197584  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Cowsett, Lex M  
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression  
; FILE REFERENCE: RTS-0002  
; CURRENT APPLICATION NUMBER: US/09/071,433A  
; CURRENT FILING DATE: 1998-05-01  
; NUMBER OF SEQ ID NOS: 91  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 39  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-071-433-39

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1655 GCCACACCCCTCACAGG 1671  
Db 2 GACACAGCTCTCACAGG 18

RESULT 1419  
US-09-071-433-64/c  
; Sequence 64, Application US/09071433A  
; Patent No. 6197584  
; GENERAL INFORMATION:  
; APPLICANT: Bennett, C. Frank  
; APPLICANT: Cowsett, Lex M  
; TITLE OF INVENTION: Antisense Modulation of CD40 Expression  
; FILE REFERENCE: RTS-0002  
; CURRENT APPLICATION NUMBER: US/09/071,433A  
; CURRENT FILING DATE: 1998-05-01  
; NUMBER OF SEQ ID NOS: 91  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 64

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1546 AGCCTTCGGTCTTCGTC 1562  
Dp 1 AGCGTTCGCACTTCGTC 17

RESULT 1428  
US-08-957-351-21/c  
Sequence 21, Application US/08957351  
; Patent No. 6306586  
; GENERAL INFORMATION:  
; APPLICANT: Semina, Elena  
; APPLICANT: Murray, Jeffrey C.  
; TITLE OF INVENTION: METHODS AND  
; TITLE OF INVENTION: DIAGNOSIS AN  
; NUMBER OF SEQUENCES: 33



; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
; STREET: One Post Office Square  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109-2170  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/957,351  
; FILING DATE: 24-OCT-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Arnold, Beth E.  
; REGISTRATION NUMBER: 35,430  
; REFERENCE/DOCKET NUMBER: UIA-024.01  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 617-832-1000  
; TELEFAX: 617-832-7000  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "oligonucleotide"  
US-08-957-351-21

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1085 AGGTGGTGACACGTGG 1101  
Db 17 AGCTGGTGACTCTGGG 1

RESULT 1423  
US-09-522-217-104  
; Sequence 104, Application US/09522217  
; Patent No. 6307024  
; GENERAL INFORMATION:  
; APPLICANT: No. 6307024ak, Julia E.  
; APPLICANT: Presnell, Scott R.  
; APPLICANT: Sprecher, Cindy A.  
; APPLICANT: Foster, Donald C.  
; APPLICANT: Holly, Richard D.  
; APPLICANT: Gross, Jane A.  
; APPLICANT: Johnston, Janet V.  
; APPLICANT: Nelson, Andrew J.  
; APPLICANT: Dillon, Stacey R.  
; APPLICANT: Hammond, Angela K.  
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND  
; FILE REFERENCE: 99-16  
; CURRENT APPLICATION NUMBER: US/09/522,217  
; CURRENT FILING DATE: 2000-03-09  
; EARLIER APPLICATION NUMBER: US 60/123,547  
; EARLIER FILING DATE: 1999-03-09  
; EARLIER APPLICATION NUMBER: US 60/123,904  
; EARLIER FILING DATE: 1999-03-11  
; EARLIER APPLICATION NUMBER: US 60/142,013  
; EARLIER FILING DATE: 1999-07-01  
; NUMBER OF SEQ ID NOS: 115  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 104  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence

; FEATURE:  
; OTHER INFORMATION: Oligonucleotide primer ZC23771  
US-09-522-217-104

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 653 CCACCGCTTACAAAGGC 669  
Db 2 CCACCTTCCCAATGC 18

RESULT 1430  
US-09-496-694B-53/c  
; Sequence 53, Application US/09496694B  
; Patent No. 6335194  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swayze  
; APPLICANT: Lex M. Cowse  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0439  
; CURRENT APPLICATION NUMBER: US/09/496,694B  
; CURRENT FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 249  
; SEQ ID NO 53  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-53

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 804 TGACATTATCCACAGG 820  
Db 17 TCACGTTCTCCACAGG 1

RESULT 1431  
US-09-496-694B-93/c  
; Sequence 93, Application US/09496694B  
; Patent No. 6335194  
; GENERAL INFORMATION:  
; APPLICANT: C. Frank Bennett  
; APPLICANT: Elizabeth J. Ackermann  
; APPLICANT: Eric E. Swayze  
; APPLICANT: Lex M. Cowse  
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION  
; FILE REFERENCE: ISPH-0439  
; CURRENT APPLICATION NUMBER: US/09/496,694B  
; CURRENT FILING DATE: 2000-02-02  
; PRIOR APPLICATION NUMBER: 09/286,407  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 09/163,162  
; PRIOR FILING DATE: 1998-09-29  
; NUMBER OF SEQ ID NOS: 249  
; SEQ ID NO 93  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-496-694B-93

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TGACATTATCCACAGG 820  
| | | | | | | | | | | | | | | | | |  
Db 17 TCACGTTCTCCACAGG 1

RESULT 1432  
US-08-584-040-8368/c  
; Sequence 8368, Application US/08584040  
; Patent No. 6346398  
; GENERAL INFORMATION:  
; APPLICANT: Pavco, Pamela  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinson, Dan T.  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
; TITLE OF INVENTION: GROWTH FACTOR  
; NUMBER OF SEQUENCES: 8502  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; STATE: Los Angeles  
; COUNTRY: California  
; ZIP: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 MB  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/584,040  
; FILING DATE: January 11, 1996  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/005,974  
; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 8368:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-8368

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 514 CTGGAGAGCTGACCT 530  
| | | | | | | | | | | | | | | | | |  
Db 17 CTGGAGAGCTGACCT 1

RESULT 1433  
US-09-303-069-21/c

; Sequence 21, Application US/09303069A  
; Patent No. 6350592  
; GENERAL INFORMATION:  
; APPLICANT: Lee, Mu-En  
; APPLICANT: Hsieh, Chung-Ming  
; TITLE OF INVENTION: SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC  
; FILE REFERENCE: 05433/039001  
; CURRENT APPLICATION NUMBER: US/09/303,069A  
; CURRENT FILING DATE: 1999-04-30  
; EARLIER APPLICATION NUMBER: US 09/134,250  
; EARLIER FILING DATE: 1998-08-14  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 21  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Mus musculus  
US-09-303-069-21

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 249 TGACCTGTGGAGAGGCC 265  
| | | | | | | | | | | | | | | | | |  
Db 17 TGACCTGTGGAGAGGCC 1

RESULT 1434  
US-09-303-069-22/c  
; Sequence 22, Application US/09303069A  
; Patent No. 6350592  
; GENERAL INFORMATION:  
; APPLICANT: Lee, Mu-En  
; APPLICANT: Hsieh, Chung-Ming  
; TITLE OF INVENTION: SINGLE GENE ENCODING AORTIC-SPECIFIC AND STRIATED-SPECIFIC  
; FILE REFERENCE: 05433/039001  
; CURRENT APPLICATION NUMBER: US/09/303,069A  
; CURRENT FILING DATE: 1999-04-30  
; EARLIER APPLICATION NUMBER: US 09/134,250  
; EARLIER FILING DATE: 1998-08-14  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 22  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Mus musculus  
US-09-303-069-22

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 249 TGACCTGTGGAGAGGCC 265  
| | | | | | | | | | | | | | | | | |  
Db 17 TGACCTGTGTGAGGCC 1

RESULT 1435  
US-08-679-645-633  
; Sequence 633, Application US/08679645  
; Patent No. 6350594  
; GENERAL INFORMATION:  
; APPLICANT: Zwick, Michael G.  
; APPLICANT: Edington, Brent B.  
; APPLICANT: McSwiggen, James A.  
; APPLICANT: Merlo, Patricia Ann Owens  
; APPLICANT: Guo, Lining  
; APPLICANT: Skokut, Thomas A.  
; APPLICANT: Young, Scott A.  
; APPLICANT: Folkerts, Otto

APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 633:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-633

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 76.5%; Pred. No. 7.1e+02;  
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 111 CCGCGCGATCGCCATGG 127  
Db 2 CCGCGCGCGCCAGG 18

RESULT 1436  
US-08-679-645-1165  
Sequence 1165, Application US/08679645  
Patent No. 6350934  
GENERAL INFORMATION:  
APPLICANT: Zwick, Michael G.  
APPLICANT: Edington, Brent E.  
APPLICANT: McSwiggen, James A.  
APPLICANT: Merlo, Patricia Ann Owens  
APPLICANT: Guo, Lining  
APPLICANT: Skokut, Thomas A.  
APPLICANT: Young, Scott A.  
APPLICANT: Folkerts, Otto  
APPLICANT: Merlo, Donald J.  
TITLE OF INVENTION: COMPOSITION AND METHODS FOR  
TITLE OF INVENTION: MODULATION OF GENE EXPRESSION  
TITLE OF INVENTION: IN PLANTS  
NUMBER OF SEQUENCES: 1263  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/679,645  
FILING DATE: July 12, 1996  
CLASSIFICATION: 800  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/001,135  
FILING DATE: July 13, 1995  
APPLICATION NUMBER: 08/300,726  
FILING DATE: September 2, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 219/247  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1165:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-679-645-1165

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGCGCTC 570  
Db 2 CCGCGCGCGCGCGC 18

RESULT 1437  
US-09-205-995-42  
Sequence 42, Application US/09205995  
Patent No. 6368855  
GENERAL INFORMATION:  
APPLICANT: Xu, Minzhen  
APPLICANT: Qiu, Gang  
APPLICANT: Humphreys, Robert  
TITLE OF INVENTION: CANCER CELL VACCINE  
FILE REFERENCE: U.S. Application 09/205,995, (CIP)  
CURRENT APPLICATION NUMBER: US/09/205,995  
CURRENT FILING DATE: 1998-12-04  
PRIOR APPLICATION NUMBER: 09/036,746  
PRIOR FILING DATE: 1998-03-09  
PRIOR APPLICATION NUMBER: 08/661,627  
PRIOR FILING DATE: 1996-06-11  
NUMBER OF SEQ ID NOS: 79  
SOFTWARE: Patent in Ver. 2.0  
SEQ ID NO 42  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: antisense  
OTHER INFORMATION: oligonucleotide corresponding to a specific region  
OTHER INFORMATION: of the mouse Ii gene.  
US-09-205-995-42

```
Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 267 CACACGTGCTGCTCTG 283
Db 1 CACAGGCGTGTGCTG 17

RESULT 1438
US-09-423-744A-10
; Sequence 10, Application US/09423744A
; Patent No. 6372500
; GENERAL INFORMATION:
; APPLICANT: HSC Research and Development Limited Partnership
; TITLE OF INVENTION: Episomal Expression Cassettes for Gene
; Therapy
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Rocky, Milnamov & Katz, Ltd.
; STREET: 180 N. Stetson Avenue, Suite 4700
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/423,744A
; FILING DATE: 12-No. 6372500-1999
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/CA98/00478
; FILING DATE: May 14, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Lisa V. Mueller
; REFERENCE/DOCKET NUMBER: DW6064P0020US
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY:
; LOCATION: 1..18
; IDENTIFICATION METHOD:
; OTHER INFORMATION: /note= "ctrl1 synthetic DNA
; oligonucleotide - amplification primer for PCR mutagenesis"
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-423-744A-10

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 248 GTGACCTGGAGAGGCC 264
Db 1 GAGACCATGGAGAGTTC 17

RESULT 1439
US-09-167-109-117
; Sequence 117, Application US/09167109
; Patent No. 6399297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowser, Lex M.
; APPLICANT: Monia, Brett P.
```

```
APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 117
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-117

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1378 GGGGCGGACCTCTCAC 1394
Db 1 GGGGCGGACCTCTCAC 17

RESULT 1440
US-08-882-322-2/c
; Sequence 2, Application US/08882322
; Patent No. 6407056
; GENERAL INFORMATION:
; APPLICANT: Seiberg et al.
; TITLE OF INVENTION: METHODS FOR ALTERING HAIR GROWTH AND HAIR PIGMENTATION BY AI
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Johnson & Johnson
; STREET: One J&J Plaza
; CITY: New Brunswick
; STATE: NJ
; COUNTRY: USA
; ZIP: 08933
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,322
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Mangini, Michelle
; REGISTRATION NUMBER: 36,806
; REFERENCE/DOCKET NUMBER: J&J-1663/1616
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-524-2810
; TELEFAX: 908-524-2808
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-882-322-2

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 754 GAAGTGTCTCTGCTCAA 770
Db 18 GAAGTGTCTCTGCTCAA 2

RESULT 1441
```

```
US-09-387-341-183
; Sequence 183, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
; APPLICANT: Roberts, M. Luisa
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; PRIOR FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,979
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 183
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-183

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      623 AGCTGGCAAACTGGGC 639
Db      1 AGCTGGATGAACGTGTC 17

RESULT 1442
US-09-619-103-13/c
; Sequence 13, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence to act as a target for a linker
US-09-619-103-13

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      411 AGTGAAGAGTGGGTATGC 427
Db      17 AGTGAAGAGCGGTATAC 1

RESULT 1443
US-09-702-543-7/c
; Sequence 7, Application US/09702543
; Patent No. 6429301
; GENERAL INFORMATION:
; APPLICANT: Baskerville, Donald Scott
; APPLICANT: Bartel, David P.
; TITLE OF INVENTION: Use of a Ribozyme to Join Nucleic Acids
; FILE REFERENCE: 0399.1177-007
; CURRENT APPLICATION NUMBER: US/09/702,543
; PRIOR FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: US 09/291,837
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: US 60/082,256
; PRIOR FILING DATE: 1998-04-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 18 Nucleotide Ribozyme Segment Sufficient To Specifically Cova
US-09-702-543-7

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      162 GACACTCCGAGGTGCC 178
Db      17 GACACTCGGAGCTGTCC 1

RESULT 1444
US-09-920-760-39
; Sequence 39, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-760-39

Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      336 CGAGGACTTGAAGATGG 352
Db      2 CCAGGAGTTCAGATGC 18

RESULT 1445
US-09-920-760-42/c
; Sequence 42, Application US/09920760
; Patent No. 6492173
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION
; FILE REFERENCE: RTS-0275
; CURRENT APPLICATION NUMBER: US/09/920,760
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 42
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; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-760-42

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 699 ACTCAAGGAGATCAGAC 715  
18 ACTCAAGAGACCGCC 2

RESULT 1446  
US-09-920-760-50/c  
; Sequence 50, Application US/09920760  
; Patent No. 6492173  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowseart  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION  
; FILE REFERENCE: RTS-0275  
; CURRENT APPLICATION NUMBER: US/09/920,760  
; CURRENT FILING DATE: 2001-08-01  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 50  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-760-50

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 514 CTGAGAGAGCTGACCT 530  
18 CGGAGAGAGCTGTCT 2

RESULT 1447  
US-09-920-760-63  
; Sequence 63, Application US/09920760  
; Patent No. 6492173  
; GENERAL INFORMATION:  
; APPLICANT: Lex M. Cowseart  
; TITLE OF INVENTION: ANTISENSE MODULATION OF CYCLIN D2 EXPRESSION  
; FILE REFERENCE: RTS-0275  
; CURRENT APPLICATION NUMBER: US/09/920,760  
; CURRENT FILING DATE: 2001-08-01  
; NUMBER OF SEQ ID NOS: 89  
; SEQ ID NO 63  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-920-760-63

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1117 ATCCTGCTGGTCCAC 1133  
1 ATCCTGCTGGAGCCAC 17

RESULT 1448

US-09-077-619-13/c  
; Sequence 13, Application US/09077619  
; Patent No. 6500614  
; GENERAL INFORMATION:  
; APPLICANT: ARGUELLO, Rafael  
; APPLICANT: AVAKIAN, Hovanes  
; APPLICANT: MADRIGAL, Alejandro  
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE  
; FILE REFERENCE: 028979/0104  
; CURRENT APPLICATION NUMBER: US/09/077,619  
; CURRENT FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: PCT/GB96/02959  
; PRIOR FILING DATE: 1996-11-29  
; PRIOR APPLICATION NUMBER: GB 9524381.2  
; PRIOR FILING DATE: 1995-11-29  
; NUMBER OF SEQ ID NOS: 46  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 13  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-077-619-13

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 556 CTCAGCGCGCTCCG 572  
18 CTCAGCGCGCTCCG 2

RESULT 1449  
US-09-077-619-29/c  
; Sequence 29, Application US/09077619  
; Patent No. 6500614  
; GENERAL INFORMATION:  
; APPLICANT: ARGUELLO, Rafael  
; APPLICANT: AVAKIAN, Hovanes  
; APPLICANT: MADRIGAL, Alejandro  
; TITLE OF INVENTION: METHOD FOR IDENTIFYING AN UNKNOWN ALLELE  
; FILE REFERENCE: 028979/0104  
; CURRENT APPLICATION NUMBER: US/09/077,619  
; CURRENT FILING DATE: 2000-03-31  
; PRIOR APPLICATION NUMBER: PCT/GB96/02959  
; PRIOR FILING DATE: 1996-11-29  
; PRIOR APPLICATION NUMBER: GB 9524381.2  
; PRIOR FILING DATE: 1995-11-29  
; NUMBER OF SEQ ID NOS: 46  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 29  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-077-619-29

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 738 CTGACCGCATCCGG 754  
18 CTGCTCGCCACACGG 2

RESULT 1450  
US-09-342-325C-26  
; Sequence 26, Application US/09342325C  
; Patent No. 6500637  
; GENERAL INFORMATION:  
; APPLICANT: Mikoshiba, Katsuhiko  
; APPLICANT: Aruga, Jun  
; APPLICANT: Nagai, Takeharu

APPLICANT: Chumakov, Ilya  
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

```
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6597
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-13205 for SEQ 2663,
US-09-422-978-6597
Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1433 CAGAGGATGCATGAAA 1449
Db 1 CAGAGGAGGACATAAAA 17

RESULT 1455
US-09-422-978-7233/c
; Sequence 7233, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7233
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-3058 for SEQ 3299,
US-09-422-978-7233
Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1457 TCTTCCTCAGCTGGGG 1473
Db 17 TCTTCCTATTCTGGGG 17

RESULT 1456
US-09-422-978-8462/c
; Sequence 8462, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
```

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; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8462
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-15625 for SEQ 597, in compl
US-09-422-978-8462
Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1311 GACATACAACTACCCCA 1327
Db 18 GAGATACACCTATCCCA 2

RESULT 1457
US-09-422-978-8588
; Sequence 8588, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8588
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-16847 for SEQ 723, in compl
US-09-422-978-8588
Query Match      0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 594 TGGCTTTGGGAAACTGG 610
Db 1 TGGGTTAGGGAATTGG 17

RESULT 1458
US-09-422-978-9354
; Sequence 9354, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
```





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US-09-254-776B-23
; Sequence 23, Application US/09254776B
; Patent No. 6559359
; GENERAL INFORMATION:
; APPLICANT: Laten, Howard
; TITLE OF INVENTION: PLANT RETROVIRAL POLYNUCLEOTIDES AND METHODS FOR USE THEREOF
; FILE REFERENCE: 27013/3349A
; CURRENT APPLICATION NUMBER: US/09/254,776B
; PRIOR FILING DATE: 1999-03-09
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 23
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-254-776B-23

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1390 CTCACCAAGCTGTGCA 1406
||| ||||| ||||| |||||
Db 2 CTTCCCAAGCTGTAGCA 18

RESULT 1463
US-09-371-772B-4024/c
; Sequence 4024, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR FILING DATE: 1995-10-26
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4024
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-4024

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 514 CTGGAGAAGCTGACCT 530
||| ||||| ||||| |||||
Db 17 CTGGAGAAGCAGAGCT 1

RESULT 1464
US-09-923-246-104
; Sequence 104, Application US/09923246
; Patent No. 6605272
; GENERAL INFORMATION:
; APPLICANT: No. 6605272ak, Julia E.
; APPLICANT: Preenell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
```

```
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; CURRENT FILING DATE: 2001-08-03
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 104
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC23771
US-09-923-246-104

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 653 CCACCGTCTACAAAGC 669
||| ||||| ||||| |||||
Db 2 CCACCTTCACAAATGC 18

RESULT 1465
US-09-526-193A-35/c
; Sequence 35, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; TITLE OF INVENTION: CHOLESTEROL LEVELS
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR FILING DATE: 1999-03-15
; PRIOR FILING DATE: 1999-03-15
; PRIOR FILING DATE: 1999-06-08
; PRIOR FILING DATE: 1999-06-17
; PRIOR FILING DATE: 1999-06-17
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-35

Query Match          0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 877 GATGACTGTGGGAACAT 893
||| ||||| ||||| |||||
Db 18 GCTGGCTGAGGGAACAT 2
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RESULT 1466
US-09-907-794A-229/c
; Sequence 229, Application US/09907794A
; Patent No. 6635468
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794A
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-907-794A-229
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. NO. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 450 CTCCTGAGGACATCA 466
Db 18 CTCCTGAGGACATCA 2

RESULT 1467
US-09-807-784B-12/c
; Sequence 12, Application US/09807784B
; Patent No. 6653118
; GENERAL INFORMATION:
; APPLICANT: Tanuma, Sei-ichi
; APPLICANT: Shikawa, Daisuke
; TITLE OF INVENTION: No. 6653118a1 Deoxyribonuclease, Gene Encoding Thereof and Use
; FILE REFERENCE: 210792
; CURRENT APPLICATION NUMBER: US/09/807,784B
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: JP 11-230870
; PRIOR FILING DATE: 1999-08-17
; NUMBER OF SEQ ID NOS: 15
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide designed to act as antisense primer for
; OTHER INFORMATION: amplifying coding sequence of Dnase II signal peptide.
US-09-807-784B-12
Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. NO. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1104 CCGGCCCTGACATCC 1120
Db 17 CCGGCCCTGACATCC 1

RESULT 1468
US-09-905-125A-229/c
; Sequence 229, Application US/09905125A
; Patent No. 666376
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
```

```
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Aids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-905-125A-229

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 450 CTCACCTGAGGACATCA 466
DB 18 CTCCTCTGTGACGACA 2

RESULT 1469
US-09-619-758-10/c
; Sequence 10, Application US/09619758
; Patent No. 6667164
; GENERAL INFORMATION:
; APPLICANT: Miller, Marcia M
; APPLICANT: Afanassieff, Marielle
; APPLICANT: Briles, W
; TITLE OF INVENTION: Methods for Breeding Disease-resistant Domestic Fowl
; FILE REFERENCE: 1954-322
; CURRENT APPLICATION NUMBER: US/09/619,758

; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Aids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,125A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 229
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-905-125A-229

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 450 CTCACCTGAGGACATCA 466
DB 18 CTCCTCTGTGACGACA 2

RESULT 1469
US-09-619-758-10/c
; Sequence 10, Application US/09619758
; Patent No. 6667164
; GENERAL INFORMATION:
; APPLICANT: Miller, Marcia M
; APPLICANT: Afanassieff, Marielle
; APPLICANT: Briles, W
; TITLE OF INVENTION: Methods for Breeding Disease-resistant Domestic Fowl
; FILE REFERENCE: 1954-322
; CURRENT APPLICATION NUMBER: US/09/619,758
```

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; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 09/244,093
; PRIOR FILING DATE: 1999-02-04
; PRIOR APPLICATION NUMBER: US 08/744,025
; PRIOR FILING DATE: 1996-12-27
; PRIOR APPLICATION NUMBER: US 07/865,662
; PRIOR FILING DATE: 1995-01-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer for
; OTHER INFORMATION: SSCP analysis of Mhc B class I genotype of fowl
US-09-619-758-10

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 966 GGTGCTACCGAGACC 982
DB 17 GCGCTACACGAGACC 1

RESULT 1470
US-09-647-143-12/c
; Sequence 12, Application US/09647143
; Patent No. 6680196
; GENERAL INFORMATION:
; APPLICANT: Batra, Surinder K.
; APPLICANT: Hollingsworth, Michael A.
; APPLICANT: University of Nebraska Board of Regents
; TITLE OF INVENTION: No. 6680196el Gene That is Amplified and
; TITLE OF INVENTION: Overexpressed in Cancer and Methods of Use Thereof
; FILE REFERENCE: UNMC63121
; CURRENT APPLICATION NUMBER: US/09/647,143
; CURRENT FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US99/06633
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: 60/079,649
; PRIOR FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-09-647-143-12

Query Match 0.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1559 CGTCGATGCTGACTCA 1575
DB 18 CGTTCGTGCTGACTCA 2

RESULT 1471
US-10-295-723-104
; Sequence 104, Application US/10295723
; Patent No. 6686178
; GENERAL INFORMATION:
; APPLICANT: No. 6686178ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
```



CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/765222  
FILING DATE: 23-SEP-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/779445  
FILING DATE: 18-OCT-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/853362  
FILING DATE: 18-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Hensley, Max D.  
REGISTRATION NUMBER: 27,043  
REFERENCE/DOCKET NUMBER: 734P3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-1994  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 55:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 bases  
TYPE: NUCLEIC ACID  
STRANDEDNESS: single  
TOPOLOGY: linear  
PCT-US92-08094-55

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 67 AAACCCAGGGAGGGCC 83  
Db 2 AAACCCAGGGAGGCTCC 18

RESULT 1474  
PCT-US93-05794-9/c  
Sequence 9, Application PC/TUS9305794  
GENERAL INFORMATION:  
APPLICANT: The Regents of the University of California  
TITLE OF INVENTION: Gene for Ataxia-Telangiectasia  
TITLE OF INVENTION: Gene for Ataxia-Telangiectasia  
NUMBER OF SEQUENCES: 45  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Leona L. Lauder  
STREET: 177 Post Street, Suite 800  
CITY: San Francisco  
STATE: California  
COUNTRY: San Francisco  
ZIP: 94108-4731  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/05794  
FILING DATE: 19930618  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/903,466  
FILING DATE: 22-JUN-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Lauder, Leona L.  
REGISTRATION NUMBER: 30,863  
REFERENCE/DOCKET NUMBER: 91-077-1 PCT  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-421-4973  
TELEFAX: 415-421-1663  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: PCR primer  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
PCT-US93-05794-9

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1678 CCAGGACGCTTCTCC 1694  
Db 18 CGAGGACGCTTCTCC 2

RESULT 1475  
PCT-US93-08326-20  
Sequence 20, Application PC/TUS9308326  
GENERAL INFORMATION:  
APPLICANT: Valenzuela, et al.  
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and  
TITLE OF INVENTION: Compositions  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
STREET: 777 Old Saw Mill River Road  
CITY: Tarrytown  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10591  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/08326  
FILING DATE: 02-SEP-1993  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Kempler Ph.D., Gail M.  
REGISTRATION NUMBER: 32,143  
REFERENCE/DOCKET NUMBER: Reg 132  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 914-347-7000  
TELEFAX: 914-347-2113  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA  
PCT-US93-08326-20

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1224 GGAGGACGCTTCTACT 1240  
Db 1 GCAGGACGCTTCTACT 17

RESULT 1476  
PCT-US95-00176A-3  
Sequence 3, Application PC/TUS9500176A  
GENERAL INFORMATION:  
APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES  
TITLE OF INVENTION: SPECIFIC FOR STK-1 AND METHOD FOR INHIBITING EXPRESSION OF  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:

ADDRESSEE: SEIDEL CONDA LAVORNA & MONACO  
STREET: Suite 1800, Penn Center Plaza  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: U.S.A.  
ZIP: 19102  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/00176A  
FILING DATE: 6 January 1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/183,211  
FILING DATE: 14 January 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Monaco, Daniel A.  
REGISTRATION NUMBER: 30,480  
REFERENCE/DOCKET NUMBER: 3957-14 PC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-8383  
TELEFAX: (215) 568-5549  
TELEX: None  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 Nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
PCT-US95-00176A-3

Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGCGCTC 570  
DB 1 CCTCGGATGCGGCTC 17

RESULT 1477  
PCT-US95-00176A-6/c  
Sequence 6, Application PC/TUS9500176A  
GENERAL INFORMATION:  
APPLICANT: Alan M. Gewirtz, Donald Small, Curt I. Civin.  
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES  
NUMBER OF SEQUENCES: 11  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: SEIDEL CONDA LAVORNA & MONACO  
STREET: Suite 1800, Penn Center Plaza  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: U.S.A.  
ZIP: 19102  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb  
COMPUTER: IBM PS/2  
OPERATING SYSTEM: MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/00176A  
FILING DATE: 6 January 1995  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/183,211  
FILING DATE: 14 January 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Monaco, Daniel A.  
REGISTRATION NUMBER: 30,480

REFERENCE/DOCKET NUMBER: 3957-14 PC  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-8383  
TELEFAX: (215) 568-5549  
TELEX: None  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 Nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single stranded  
TOPOLOGY: linear  
PCT-US95-00176A-6  
Query Match 0.7%; Score 12.2; DB 1; Length 18;  
Best Local Similarity 82.4%; Pred. No. 7.1e+02;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 554 CCTCAGCGCGCGCTC 570  
DB 18 CCTCGGATGCGGCTC 2

RESULT 1478  
PCT-US95-08605-36  
Sequence 36, Application PC/TUS9508605  
GENERAL INFORMATION:  
APPLICANT: Visible Genetics Inc.  
APPLICANT: Diamandis, Eleftherios  
APPLICANT: Dunn, James M.  
APPLICANT: Stevens, John K.  
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis  
TITLE OF INVENTION: and targeted Screening for p53 Mutations  
NUMBER OF SEQUENCES: 41  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Oppedahl & Larson  
STREET: 1992 Commerce Street, Suite 309  
CITY: Yorktown Heights  
STATE: NY  
COUNTRY: USA  
ZIP: 10598-4412  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS 5.0  
SOFTWARE: Word Perfect  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/08605  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/271,946  
FILING DATE: 08-JUL-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/388,381  
FILING DATE: 14-FEB-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Marina T. Larson  
REGISTRATION NUMBER: 32,038  
REFERENCE/DOCKET NUMBER: VGEN.P-003-US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (914) 245-3252  
TELEFAX: (914) 962-4330  
TELEX:  
INFORMATION FOR SEQ ID NO: 36:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: Genomic DNA  
HYPOTHETICAL: no  
ANTI-SENSE: yes  
FRAGMENT TYPE: internal

ORIGINAL SOURCE:  
ORGANISM: human  
FEATURE:  
NAME/KEY: sequencing primer for exon 9 of human p53 gene  
PCT-US95-08605-36

Query Match  
Best Local Similarity 0.7%; Score 12.2; DB 1; Length 18;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 187 GACAAGACCAATGGTGC 203  
||| ||||| |||||  
Db 2 GAGGAGACCAAGGGTGC 18

RESULT 1479  
5187077-9/c  
Patent No. 5187077  
APPLICANT: GEARING, DAVID P.; GOUGH, NICHOLAS M.; HILTON,  
DOUGLAS J.; KING, JULIE A.; METCALF, DONALD NICE, EDWARD C.  
NICOLA, NICOS A.; SIMPSON, RICHARD J.; WILLSON, TRACY A.  
TITLE OF INVENTION: LEUKEMIA INHIBITORY FACTOR  
NUMBER OF SEQUENCES: 41  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/294,514  
FILING DATE: 09-DEC-1988  
SEQ ID NO: 9:  
LENGTH: 18  
5187077-9

Query Match  
Best Local Similarity 0.7%; Score 12.2; DB 1; Length 18;  
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 728 AGGGGGCACCCTGCACC 744  
||| ||||| ||||| |||||  
Db 17 AGAGGGCTCCCTGCCCC 1

RESULT 1480  
5492811-1/c  
Patent No. 5492811  
APPLICANT: GILSON, ERIC; CLEMENT, JEAN-MARIE; PERRIN, DAVID;  
ULLMANN, ANGES; HOFNUNG, MAURICE  
TITLE OF INVENTION: BACTERIAL DIAGNOSTIC PROBE  
NUMBER OF SEQUENCES: 21  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/164,769  
FILING DATE: 10-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 984,289  
FILING DATE: 01-DEC-1992  
APPLICATION NUMBER: 870,234  
FILING DATE: 20-APR-1992  
APPLICATION NUMBER: 602,914  
FILING DATE: 24-OCT-1990  
APPLICATION NUMBER: 85,178  
FILING DATE: 14-AUG-1987  
SEQ ID NO: 1:  
LENGTH: 18  
5492811-1

Query Match  
Best Local Similarity 0.7%; Score 12.2; DB 1; Length 18;  
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 740 GCACCGCCATCCGGAA 756  
: ||||| :  
Db 18 RCGYGGCCATCGGCAW 2

RESULT 1481  
US-08-221-816B-28/c

Sequence 28, Application US/08221816B  
Patent No. 5738985  
GENERAL INFORMATION:  
APPLICANT: Miles, Vincent J.  
APPLICANT: Mathews, Michael B.  
APPLICANT: Katze, Michael G.  
APPLICANT: Witherell, Gary  
APPLICANT: Watson, Julia C.  
TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION  
TITLE OF INVENTION: OF VIRAL REPLICATION  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036/2711  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/221,816B  
FILING DATE: 01-APR-1994  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Coruzzi, Laura A  
REGISTRATION NUMBER: 30,742  
REFERENCE/DOCKET NUMBER: 7960-030  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-8864  
TELEX: 66141 PENNIE  
INFORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA  
US-08-221-816B-28

Query Match  
Best Local Similarity 0.7%; Score 12; DB 1; Length 12;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1122 GCTTGGGTCCAC 1133  
||| ||||| |||||  
Db 12 GCTTGGGTCCAC 1

RESULT 1482  
US-10-112-547-28/c  
Sequence 28, Application US/10112547  
Patent No. 6579674  
GENERAL INFORMATION:  
APPLICANT: Miles, Vincent J.  
Mathews, Michael B.  
Katze, Michael G.  
Witherell, Gary  
Watson, Julia C.  
TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION  
OF VIRAL REPLICATION  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10036/2711



```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Fast-SEQ Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/112,547
; FILING DATE: 28-Mar-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/221,816B
; FILING DATE: 01-APR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7960-030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-10-112-547-28

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1122 GCTTGGGTCAC 1133
DB 12 GCTTGGGTCAC 1

RESULT 1484
US-09-874-601-168/c
; Sequence 168, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND METF
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 168
; LENGTH: 12
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ()..()
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-168

Query Match 0.7%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 939 TGGCCTGGGCTA 950
DB 12 TGGCCTGGGCTA 1

RESULT 1485
US-10-104-611-28/c
; Sequence 28, Application US/10104611
; Patent No. 6667152
; GENERAL INFORMATION:
; APPLICANT: Miles, Vincent J.
; APPLICANT: Mathews, Michael B.
; APPLICANT: Katze, Michael G.
; ;
; ;
; ;
```

```
/
/      Witherell, Gary
/      Watson, Julia C.
/      TITLE OF INVENTION: METHOD FOR SELECTIVE INACTIVATION
/      OF VIRAL REPLICATION
/
/      NUMBER OF SEQUENCES: 33
/      CORRESPONDENCE ADDRESS:
/      ADDRESSEE: Pennie & Edmonds
/      STREET: 1155 Avenue of the Americas
/      CITY: New York
/      STATE: New York
/      COUNTRY: USA
/
/      ZIP: 10036/2711
/      COMPUTER READABLE FORM:
/      MEDIUM TYPE: Diskette
/      COMPUTER: IBM Compatible
/      OPERATING SYSTEM: DOS
/      SOFTWARE: FastSeq Version 2.0
/      CURRENT APPLICATION DATA:
/      APPLICATION NUMBER: US/10/104,611
/      FILING DATE: 22-Mar-2002
/      CLASSIFICATION: <Unknown>
/
/      PRIOR APPLICATION DATA:
/      APPLICATION NUMBER: US/08/221,816B
/      FILING DATE: 01-APR-1994
/      ATTORNEY/AGENT INFORMATION:
/      NAME: Coruzzi, Laura A.
/      REGISTRATION NUMBER: 30,742
/      REFERENCE/DOCKET NUMBER: 7960-030
/      TELECOMMUNICATION INFORMATION:
/      TELEPHONE: (212) 790-9090
/      TELEFAX: (212) 869-8864
/      TELEX: 66141 PENNIE
/
/      INFORMATION FOR SEQ ID NO: 28:
/      SEQUENCE CHARACTERISTICS:
/      LENGTH: 12 base pairs
/      TYPE: nucleic acid
/      STRANDEDNESS: single
/      TOPOLOGY: linear
/      MOLECULE TYPE: RNA
/      SEQUENCE DESCRIPTION: SEQ ID NO: 28:
/
/      US-10-104-611-28
/
/      Query Match      0.7%; Score 12; DB 1; Length 12;
/      Best Local Similarity 100.0%; Pred. No. 4e+02;
/      Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/      Qy      1122 GCTTGGGTCAC 1133
/      Db      12 GCTTGGGTCAC 1
/
/      RESULT 1486
/      US-08-985-162-1813/c
/      Sequence 1813, Application US/08985162
/      Patent No. 6057156
/      GENERAL INFORMATION:
/      APPLICANT: Akhtar, Saghir
/      APPLICANT: Fell, Patricia
/      APPLICANT: McSwiggen, James
/      TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
/      TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
/      TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
/      TITLE OF INVENTION: FACTOR RECEPTORS
/      NUMBER OF SEQUENCES: 1877
/      CORRESPONDENCE ADDRESS:
/      ADDRESSEE: Lyon & Lyon
/      STREET: 633 West Fifth Street
/      CITY: Suite 4700
/      STATE: Los Angeles
/      COUNTRY: California
/      ZIP: 90071-2086
/      COMPUTER READABLE FORM:
/
/      US-09-401-063-1813/c
/      Sequence 1813, Application US/09401063
/      Patent No. 6623962
/      GENERAL INFORMATION:
/      APPLICANT: Akhtar, Saghir
/      APPLICANT: Fell, Patricia
/      APPLICANT: McSwiggen, James
/      TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
/      TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
/      TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
/      TITLE OF INVENTION: FACTOR RECEPTORS
/      NUMBER OF SEQUENCES: 1877
/      CORRESPONDENCE ADDRESS:
/      ADDRESSEE: Lyon & Lyon
/      STREET: 633 West Fifth Street
/      CITY: Suite 4700
/      STATE: Los Angeles
/      COUNTRY: California
/      ZIP: 90071-2066
/      COMPUTER READABLE FORM:
/      MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/      MEDIUM TYPE: storage
/      COMPUTER: IBM Compatible
/      OPERATING SYSTEM: IBM P.C. DOS 5.0
/      SOFTWARE: FastSeq for Windows 2.0
/      CURRENT APPLICATION DATA:
/      APPLICATION NUMBER: US/09/401,063
/      FILING DATE:
/      CLASSIFICATION:
/      PRIOR APPLICATION DATA:
/      APPLICATION NUMBER: 08/985,162
/      FILING DATE: 04 December 1997
/      APPLICATION NUMBER: 60/036,476
/      FILING DATE: 31 January 1997
/
/      MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/      MEDIUM TYPE: storage
/      COMPUTER: IBM Compatible
/      OPERATING SYSTEM: IBM P.C. DOS 5.0
/      SOFTWARE: FastSeq for Windows 2.0
/      CURRENT APPLICATION DATA:
/      APPLICATION NUMBER: US/08/985,162
/      FILING DATE: 04 December 1997
/      CLASSIFICATION: 514
/      PRIOR APPLICATION DATA:
/      APPLICATION NUMBER: 60/036,476
/      FILING DATE: 31 January 1997
/      ATTORNEY/AGENT INFORMATION:
/      NAME: Warburg, Richard J.
/      REGISTRATION NUMBER: 32,327
/      REFERENCE/DOCKET NUMBER: 230/107
/      TELECOMMUNICATION INFORMATION:
/      TELEPHONE: (213) 489-1600
/      TELEFAX: (213) 955-0440
/      TELEX: 67-3510
/      INFORMATION FOR SEQ ID NO: 1813:
/      SEQUENCE CHARACTERISTICS:
/      LENGTH: 14 base pairs
/      TYPE: nucleic acid
/      STRANDEDNESS: single
/      TOPOLOGY: linear
/      US-08-985-162-1813
/
/      Query Match      0.7%; Score 12; DB 1; Length 14;
/      Best Local Similarity 100.0%; Pred. No. 5.2e+02;
/      Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
/
/      Qy      1369 GATAGCGACGGG 1380
/      Db      14 GATAGCGACGGG 3
/
/      RESULT 1487
/      US-09-401-063-1813/c
/      Sequence 1813, Application US/09401063
/      Patent No. 6623962
/      GENERAL INFORMATION:
/      APPLICANT: Akhtar, Saghir
/      APPLICANT: Fell, Patricia
/      APPLICANT: McSwiggen, James
/      TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
/      TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
/      TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
/      TITLE OF INVENTION: FACTOR RECEPTORS
/      NUMBER OF SEQUENCES: 1877
/      CORRESPONDENCE ADDRESS:
/      ADDRESSEE: Lyon & Lyon
/      STREET: 633 West Fifth Street
/      CITY: Suite 4700
/      STATE: Los Angeles
/      COUNTRY: California
/      ZIP: 90071-2066
/      COMPUTER READABLE FORM:
/      MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/      MEDIUM TYPE: storage
/      COMPUTER: IBM Compatible
/      OPERATING SYSTEM: IBM P.C. DOS 5.0
/      SOFTWARE: FastSeq for Windows 2.0
/      CURRENT APPLICATION DATA:
/      APPLICATION NUMBER: US/09/401,063
/      FILING DATE:
/      CLASSIFICATION:
/      PRIOR APPLICATION DATA:
/      APPLICATION NUMBER: 08/985,162
/      FILING DATE: 04 December 1997
/      APPLICATION NUMBER: 60/036,476
/      FILING DATE: 31 January 1997
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[illegible]

RESULT 1490  
US-08-307-682B-23  
; Sequence 23, Application US/08307682B  
; Patent No. 5665580  
; GENERAL INFORMATION:  
; APPLICANT: Crooke, Stanley T., Mirabelli,  
; APPLICANT: Christopher K., Ecker, David J., Cowser, Lex M.  
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE  
; TITLE OF INVENTION: INHIBITION OF PAPILLOMAVIRUS TRANSFORMED CELLS  
; NUMBER OF SEQUENCES: 30  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Jane Massey Licata, Esq.  
; STREET: 210 Lake Drive East, Suite 201  
; CITY: Cherry Hill  
; STATE: NJ  
; COUNTRY: USA  
; ZIP: 08002  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE  
; COMPUTER: IBM 486  
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS  
; SOFTWARE: WORDPERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/307,682B  
; FILING DATE: October 14, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 860,925  
; FILING DATE: March 31, 1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCR/US90/07067  
; FILING DATE: December 3, 1990  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 445,195  
; FILING DATE: December 4, 1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Jane Massey Licata, Esquire  
; REGISTRATION NUMBER: 32,257  
; REFERENCE/DOCKET NUMBER: ISIS-1049  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (609) 779-2400  
; TELEFAX: (609) 779-8488  
; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; ANTI-SENSE: Yes  
US-08-307-682B-23  
Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1098 GTGGTACCGGCC 1109  
DB 3 GTGGTACCGGCC 14  
RESULT 1491  
US-08-292-620A-56  
; Sequence 56, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street

; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: Storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620A  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 56:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-292-620A-56  
Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 75.0%; Pred. No. 5.9e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;  
QY 930 GCTGCTCCGTGG 941  
DB 2 GCUGCCUCCGUGG 13  
RESULT 1492  
US-08-292-620A-597  
; Sequence 597, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street

STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/292,620A  
FILING DATE: August 17, 1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
PRIOR APPLICATION DATA: including application  
PRIOR APPLICATION DATA: described below:  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 597:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-292-620A-597

Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 75.0%; Pred. No. 5.9e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 930 GCTGCTCCGTGG 941  
||:|:|:|:|:|:  
Db 2 GCUGCCUGG 13

RESULT 1493  
US-08-585-684B-783/c  
Sequence 783, Application US/08585684B  
Patent No. 5877021  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
INDUCTION OF GRAFT TOLERANCE  
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
NUMBER OF SEQUENCES: 2751  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/585,684B  
FILING DATE: January 16, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/000,951  
FILING DATE: July 7, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/078  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 783:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-585-684B-783

Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 596 GCTTTGGGAAC 607  
|||||:  
Db 15 GCTTTGGGAAC 4

RESULT 1494  
US-08-774-310-74/c  
Sequence 74, Application US/08774310  
Patent No. 5877022  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Daniel T.  
APPLICANT: McSwiggen, James  
APPLICANT: Newton, Roger S.  
APPLICANT: Ramharack, Randy  
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
OR CONDITIONS RELATED TO LEVELS OF  
PLASMA LIPOPROTEIN (a) [LP(a)] BY  
INHIBITING APOLIPOPROTEIN  
TITLE OF INVENTION:  
NUMBER OF SEQUENCES: 392  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSEQ Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/774,310  
FILING DATE: December 23, 1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/311,760  
FILING DATE: September 23, 1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 223/229  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440

TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 74:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-774-310-74

Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1148 AGATTGACATGT 1159  
|||:|||||  
DB 13 AGATTGACATGT 2

RESULT 1495  
US-09-071-845-56  
Sequence 56, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
CITY: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071.845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292.620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008.895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989.849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 56:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

US-09-071-845-56

Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 75.0%; Pred. No. 5.9e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 930 GCTGCTCGTGG 941  
|||:|||||  
DB 2 GCTGCTCGTGG 13

RESULT 1496  
US-09-071-845-597  
Sequence 597, Application US/09071845  
Patent No. 6132967  
GENERAL INFORMATION:  
APPLICANT: Susan Grimm  
APPLICANT: Dan T. Stinchcomb  
APPLICANT: James McSwiggen  
APPLICANT: Sean Sullivan  
APPLICANT: Kenneth G. Draper  
TITLE OF INVENTION: RIBOZYME TREATMENT OF  
DISEASES OR CONDITIONS  
RELATED TO LEVELS OF  
INTRACELLULAR ADHESION  
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
NUMBER OF SEQUENCES: 2390  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
CITY: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071.845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/292.620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008.895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989.849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 597:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-597

Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 75.0%; Pred. No. 5.9e+02;  
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 930 GCTGCTCGTGG 941

Db 2 GCUGCCUGG 13  
||:|:|:|:|:|  
RESULT 1497  
US-09-038-073-783/c  
; Sequence 783, Application US/09038073  
; Patent No. 6194150  
; GENERAL INFORMATION:  
; APPLICANT: Stinchcomb, Daniel T.  
; APPLICANT: Jarvis, Thale  
; APPLICANT: McSwigen, James  
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE  
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES  
; NUMBER OF SEQUENCES: 2751  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq Version 1.5  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/038,073  
; FILING DATE:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/595,684  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/078  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 783:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 15 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; US-09-038-073-783  
Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 596 GCTTTGGGAAC 607  
||:|:|:|:|:|  
Db 15 GCTTTGGGAAC 4  
RESULT 1498  
US-09-813-781-49/c  
; Sequence 49, Application US/09813781  
; Patent No. 6405989  
; GENERAL INFORMATION:  
; APPLICANT: WEIDANZ, JON A.  
; APPLICANT: CARD, KIMBERLYN F.  
; APPLICANT: WONG, HING C.  
; TITLE OF INVENTION: FUSION PROTEINS COMPRISING BACTERIOPHAGE COAT PROTEIN  
; TITLE OF INVENTION: AND A SINGLE-CHAIN T-CELL RECEPTOR  
; FILE REFERENCE: 46745(1758)  
; CURRENT APPLICATION NUMBER: US/09/813,781

; CURRENT FILING DATE: 2001-03-22  
; NUMBER OF SEQ ID NOS: 130  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 49  
; LENGTH: 15  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
; OTHER INFORMATION: oligonucleotide  
US-09-813-781-49  
Query Match 0.7%; Score 12; DB 1; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 989 CCCAGACCTGC 1000  
||:|:|:|:|:|  
Db 12 CCCAGACCTGC 1  
RESULT 1499  
US-08-719-593-6  
; Sequence 6, Application US/08719593  
; Patent No. 5741706  
; GENERAL INFORMATION:  
; APPLICANT: Leavitt, Markley Carl  
; APPLICANT: Duarte, Elizabeth  
; APPLICANT: Tritz, Richard  
; APPLICANT: Barber, Jack R.  
; APPLICANT: Yu, Mang  
; TITLE OF INVENTION: No. 5741706el Anti-HIV Ribozymes  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/719,593  
; FILING DATE: No. 5741706 yet assigned  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Weber, Kenneth A.  
; REGISTRATION NUMBER: 31,677  
; REFERENCE/DOCKET NUMBER: 016556-000810US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: RNA (genomic)  
; FEATURE:  
; NAME/KEY: -  
; LOCATION: 1..16  
; OTHER INFORMATION: /note= "HIV target sequence for pol-2  
; OTHER INFORMATION: ribozyme 3308 target site"  
US-08-719-593-6  
Query Match 0.7%; Score 12; DB 1; Length 16;  
Best Local Similarity 75.0%; Pred. No. 6.5e+02;  
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 154 CTGCTCAATGACA 165  
Db 4 CUGUCAUGACA 15

RESULT 1500  
US-08-292-620A-1621  
; Sequence 1621, Application US/08292620A  
; Patent No. 5837542  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/292,620A  
; FILING DATE: August 17, 1994  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993  
; APPLICATION NUMBER: 07/989,849  
; FILING DATE: December 7, 1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 208/149  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 1621:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-292-620A-1621

Query Match 0.7%; Score 12; DB 1; Length 16;  
Best Local Similarity 83.3%; Pred. No. 6.5e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 249 TGACCTGAGAGA 260  
Db 5 UGACCCUGAGA 16

RESULT 1501

US-08-770-235A-68/C  
; Sequence 68, Application US/08770235A  
; Patent No. 5939538  
; GENERAL INFORMATION:  
; APPLICANT: Leavitt, Markley C.  
; APPLICANT: Tritz, Richard  
; APPLICANT: Feng, Yu  
; APPLICANT: Barber, Jack  
; APPLICANT: Yu, Mang  
; TITLE OF INVENTION: Methods and Compositions for Inhibiting  
; TITLE OF INVENTION: HIV Infection of Cells By Cleaving HIV Co-Receptor RNA  
; NUMBER OF SEQUENCES: 77  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Townsend and Crew LLP  
; STREET: Two Embarcadero Center, Eighth Floor  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94111-3834  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/770,235A  
; FILING DATE: 19-DEC-1996  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/027,875  
; FILING DATE: 25-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: QUINE, Jonathan A.  
; REGISTRATION NUMBER: P-41,261  
; REFERENCE/DOCKET NUMBER: 016556-001610US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 576-0200  
; TELEFAX: (415) 576-0300  
; INFORMATION FOR SEQ ID NO: 68:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 16 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: RNA  
US-08-770-235A-68

Query Match 0.7%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 876 GGATGACTGTGG 887  
Db 12 GGATGACTGTGG 1

RESULT 1502  
US-09-071-845-1621  
; Sequence 1621, Application US/09071845  
; Patent No. 6132967  
; GENERAL INFORMATION:  
; APPLICANT: Susan Grimm  
; APPLICANT: Dan T. Stinchcomb  
; APPLICANT: James McSwiggen  
; APPLICANT: Sean Sullivan  
; APPLICANT: Kenneth G. Draper  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF  
; TITLE OF INVENTION: DISEASES OR CONDITIONS  
; TITLE OF INVENTION: RELATED TO LEVELS OF  
; TITLE OF INVENTION: INTRACELLULAR ADHESION  
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)  
; NUMBER OF SEQUENCES: 2390  
; CORRESPONDENCE ADDRESS:



ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/071,845  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA: US/08/292,620  
FILING DATE: August 17, 1994  
APPLICATION NUMBER: 08/008,895  
FILING DATE: January 19, 1993  
APPLICATION NUMBER: 07/989,849  
FILING DATE: December 7, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 208/149  
TELEPHONE: (213) 499-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 1621:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-071-845-1621

Query Match 0.7%; Score 12; DB 1; Length 16;  
Best Local Similarity 83.3%; Pred. No. 6.5e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 249 TGACCTGGAGA 260  
Db 5 UGACCCUGAGA 16

RESULT 1503  
US-09-371-772B-6101/c  
Sequence 6101, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwigen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re  
FILE REFERENCE: MHEB00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6101  
LENGTH: 16  
TYPE: RNA

ORGANISM: Homo sapiens  
US-09-371-772B-6101  
Query Match 0.7%; Score 12; DB 1; Length 16;  
Best Local Similarity 100.0%; Pred. No. 6.5e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 18 ATGGACAGGAAT 29  
Db 16 ATGGACAGGAAT 5  
RESULT 1504  
US-09-371-772B-7117  
Sequence 7117, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyne Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwigen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
FILE REFERENCE: MHEB00.876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 7117  
LENGTH: 16  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-7117

Query Match 0.7%; Score 12; DB 1; Length 16;  
Best Local Similarity 66.7%; Pred. No. 6.5e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1701 CTCTCTGCTTAC 1712  
Db 5 CUCUCUGCCUAC 16

RESULT 1505  
US-08-373-124A-2475  
Sequence 2475, Application US/08373124A  
Patent No. 5646042  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwigen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
TITLE OF INVENTION: CANCER USING RIBOZYMES  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESS: Lyon & Lyon  
STREET: 633 West Fifth Street  
STREET: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/373,124A  
FILING DATE: January 13, 1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2475:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-373-124A-2475

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 91.7%; Pred. NO. 7.2e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 136 AAGAGATCAAA 147  
Db 1 AAGAAGCAAA 12

RESULT 1506  
US-08-435-628-2475  
Sequence 2475, Application US/08435628  
Patent No. 5817796  
GENERAL INFORMATION:  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Draper, Kenneth  
APPLICANT: McSwiggen, James  
APPLICANT: Jarvis, Thale  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND  
NUMBER OF SEQUENCES: 2627  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/435,628  
FILING DATE: 05-MAY-1995  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/373,124  
FILING DATE: January 13, 1995

APPLICATION NUMBER: 08/245,466  
FILING DATE: May 18, 1994  
APPLICATION NUMBER: 08/192,943  
FILING DATE: February 7, 1994  
APPLICATION NUMBER: 07/987,132  
FILING DATE: December 7, 1992  
APPLICATION NUMBER: 07/936,422  
FILING DATE: August 26, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 209/035  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2475:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-435-628-2475

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 91.7%; Pred. NO. 7.2e+02;  
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 136 AAGAGATCAAA 147  
Db 1 AAGAAGCAAA 12

RESULT 1507  
US-08-856-141-5/C  
Sequence 5, Application US/08856141  
Patent No. 5945616  
GENERAL INFORMATION:  
APPLICANT: CHAO, LEE  
TITLE OF INVENTION: METHODS AND COMPOSITIONS OF  
TITLE OF INVENTION: CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS W  
NUMBER OF SEQUENCES: 23  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
STREET: Suite 1200, 127 Peachtree Street, NE  
CITY: Atlanta  
STATE: GA  
COUNTRY: USA  
ZIP: 30303  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/856,141  
FILING DATE: 14-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Miller, Mary L  
REGISTRATION NUMBER: 39,303  
REFERENCE/DOCKET NUMBER: 19070.0045  
TELEPHONE: 404/688-0770  
TELEFAX: 404/688-9880  
TELEX:  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:

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; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-856-141-5

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      246 CAGTGACCCCTGG 257
Db      15 CAGTGACCCCTGG 4

RESULT 1508
US-08-856-141-6
; Sequence 6, Application US/08856141
; Patent No. 5948616
; GENERAL INFORMATION:
; APPLICANT: CHAO, LEE
; APPLICANT: CHAO, JULIE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF
; TITLE OF INVENTION: CORRELATING TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH
; TITLE OF INVENTION: ESSENTIAL HYPERTENSION
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street, NE
; CITY: Atlanta
; STATE: GA
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/856,141
; FILING DATE: 14-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Miller, Mary L
; REGISTRATION NUMBER: 39,303
; REFERENCE/DOCKET NUMBER: 19070.0045
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404/688-0770
; TELEFAX: 404/688-9880
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-856-141-6

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      246 CAGTGACCCCTGG 257
Db      3 CAGTGACCCCTGG 14

RESULT 1509
US-08-181-664-21/c
; Sequence 21, Application US/08181664
```

```
; Patent No. 6025127
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: NUCLEIC ACID MUTATION DETECTION IN
; TITLE OF INVENTION: HISTOLOGIC TISSUE
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East, Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/181,664
; FILING DATE: JANUARY 14, 1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Wetherell, Jr., Ph.D., John R.
; REGISTRATION NUMBER: 31,678
; REFERENCE/DOCKET NUMBER: PD-3055
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..17
; US-08-181-664-21

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      567 CCTCCGCTCGTGT 578
Db      17 CCTCCGCTCGTGT 6

RESULT 1510
US-08-985-162-279/c
; Sequence 279, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 279:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-279

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1366 CTTGATAGCGAC 1377  
Db 12 CTTGATAGCGAC 1

RESULT 1511  
US-08-985-162-645/c  
Sequence 645, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 646:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-646

REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 645:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-645

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1516 CTAAGGAGATT 1527  
Db 17 CTAAGGAGATT 6

RESULT 1512  
US-08-985-162-646/c  
Sequence 646, Application US/08985162  
Patent No. 6057156  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/985,162  
FILING DATE: 04 December 1997  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 646:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-985-162-646

Query Match 0.7%; Score 12; DB 1; Length 17;

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Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTAAGGAGATT 1527
    |||||||
Db 15 CTAAGGAGATT 4

RESULT 1513
US-08-985-162-647/C
; Sequence 647, Application US/08985162
; Patent No. 6057156
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 647:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-985-162-647

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTAAGGAGATT 1527
    |||||||
Db 12 CTAAGGAGATT 1

RESULT 1514
US-08-864-641B-7
; Sequence 7, Application US/08864641B
; Patent No. 6312684
; GENERAL INFORMATION:
; APPLICANT: Baseriga, Renato

```

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; APPLICANT: Abraham, David
; APPLICANT: Resnicoff, Mariana
; TITLE OF INVENTION: Method Of Inducing Resistance To Tumor Growth
; FILE REFERENCE: TJU2137
; CURRENT APPLICATION NUMBER: US/08/864,641B
; CURRENT FILING DATE: 1997-05-29
; PRIOR APPLICATION NUMBER: 08/340,732
; PRIOR FILING DATE: 1994-11-16
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; NAME/KEY: misc feature
; OTHER INFORMATION: NO. 6312684el Sequence
US-08-864-641B-7

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1619 CAGACCGAGGCC 1630
    |||||||
Db 6 CAGACCGAGGCC 17

RESULT 1515
US-08-584-040-2840/C
; Sequence 2840, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2840:

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SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-2840

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ATGGACAGGAAT 29  
17 ATGGACAGGAAT 6

RESULT 1516  
US-08-584-040-2841/c  
Sequence 2841, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
CITY: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 2841:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ATGGACAGGAAT 29

Db 12 ATGGACAGGAAT 1

RESULT 1517  
US-08-584-040-4303  
Sequence 4303, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
CITY: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4303:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 7.2e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1703 CTCTGCTTACTT 1714  
1 CUCUGCCUACCU 12

RESULT 1518  
US-08-584-040-5862/c  
Sequence 5862, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.

APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
TITLE OF INVENTION: GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NOS: 5862:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-5862  
Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 33 GAGGTAGGCAGG 44  
Db 13 GAGGTAGGCAGG 2  
RESULT 1519  
US-09-495-140-5/c  
Sequence 5, Application US/09495140  
Patent No. 6376182  
GENERAL INFORMATION:  
APPLICANT: CHAO, LEE  
APPLICANT: CHAO, JULIE  
APPLICANT: SONG, QING  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING  
TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH TREATMENT  
TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION  
FILE REFERENCE: 19113.0081  
CURRENT APPLICATION NUMBER: US/09/495,140  
CURRENT FILING DATE: 2000-01-31  
EARLIER APPLICATION NUMBER: 09/389,566  
EARLIER FILING DATE: 1999-09-03  
EARLIER APPLICATION NUMBER: 08/856,141  
EARLIER FILING DATE: 1997-05-14  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 5  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:/No. 6376182e =  
OTHER INFORMATION: synthetic construct  
US-09-495-140-5  
Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 246 CAGTGACCCCTGG 257  
Db 15 CAGTGACCCCTGG 4  
RESULT 1520  
US-09-495-140-6  
Sequence 6, Application US/09495140  
Patent No. 6376182  
GENERAL INFORMATION:  
APPLICANT: CHAO, LEE  
APPLICANT: CHAO, JULIE  
APPLICANT: SONG, QING  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR CORRELATING  
TISSUE KALLIKREIN GENE PROMOTER POLYMORPHISMS WITH TREATMENT  
TITLE OF INVENTION: OF ESSENTIAL HYPERTENSION  
FILE REFERENCE: 19113.0081  
CURRENT APPLICATION NUMBER: US/09/495,140  
CURRENT FILING DATE: 2000-01-31  
EARLIER APPLICATION NUMBER: 09/389,566  
EARLIER FILING DATE: 1999-09-03  
EARLIER APPLICATION NUMBER: 08/856,141  
EARLIER FILING DATE: 1997-05-14  
NUMBER OF SEQ ID NOS: 31  
SOFTWARE: FastSEQ for Windows Version 4.0  
SEQ ID NO 6  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence:/No. 6376182e =  
OTHER INFORMATION: synthetic construct  
US-09-495-140-6  
Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 246 CAGTGACCCCTGG 257  
Db 3 CAGTGACCCCTGG 14  
RESULT 1521  
US-09-328-174A-30  
Sequence 30, Application US/09328174A  
Patent No. 6448003  
GENERAL INFORMATION:  
APPLICANT: Guida, Marco  
APPLICANT: Kurth, Janice  
TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase  
TITLE OF INVENTION: (STP2)  
FILE REFERENCE: 4389-6 (formerly SEQ-16P)  
CURRENT APPLICATION NUMBER: US/09/328,174A  
CURRENT FILING DATE: 1999-06-08  
PRIOR APPLICATION NUMBER: 09/328,174  
PRIOR FILING DATE: 1999-06-08  
NUMBER OF SEQ ID NOS: 110  
SOFTWARE: FastSEQ for Windows Version 3.0  
SEQ ID NO 30

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; LENGTH: 17
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-328-174A-30

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 450 CTCCTGAGGA 461
Db 2 CTCCTGAGGA 13

RESULT 1522
US-09-832-382-7
; Sequence 7, Application US/09832382
; Patent No. 6506415
; GENERAL INFORMATION:
; APPLICANT: Renato Baserga, David Abraham, and Mariana Resnicoff
; TITLE OF INVENTION: Method of Inducing Resistance to Tumor Growth
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6506415ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/832,382
; FILING DATE: 11-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/864,641
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: TJU-2137
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-832-382-7

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1619 CAGACCGAGGCC 1630
Db 6 CAGACCGAGGCC 17

RESULT 1523
US-09-374-712A-7
; Sequence 7, Application US/09374712A
; Patent No. 6541036
; GENERAL INFORMATION:
; APPLICANT: Andrews, David W.
; APPLICANT: Baserga, Renato L
```

```
; APPLICANT: Resnicoff, Mariana
; APPLICANT: Abraham, David
; TITLE OF INVENTION: Treatment of Tumors With Oligonucleotides Directed To Insulin-I
; TITLE OF INVENTION: Factor-I Receptor (IGF-IR)
; FILE REFERENCE: TJU-2385
; CURRENT APPLICATION NUMBER: US/09/374,712A
; CURRENT FILING DATE: 1999-08-13
; PRIOR APPLICATION NUMBER: 08/864,641
; PRIOR FILING DATE: 1997-05-29
; PRIOR APPLICATION NUMBER: 60/096,354
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: 60/113,599
; PRIOR FILING DATE: 1998-12-24
; NUMBER OF SEQ ID NOS: 14
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligonucleotide
US-09-374-712A-7

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1619 CAGACCGAGGCC 1630
Db 6 CAGACCGAGGCC 17

RESULT 1524
US-09-371-772B-1364/c
; Sequence 1364, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MEH000.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1364
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1364

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ATGCACAGGAAT 29
Db 17 ATGCACAGGAAT 6

RESULT 1525
US-09-371-772B-1365/c
; Sequence 1365, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
```



```
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1365
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1365

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ATGCACAGGAAT 29
   |||||
Db 12 ATGCACAGGAAT 1

RESULT 1526
US-09-371-772B-2070
; Sequence 2070, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2070
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2070

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 7.2e+02;
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1703 CTCGCGCTACCT 1714
   |||||
Db 1 CUCUGCCUACCU 12

RESULT 1527
US-09-371-772B-2719/c
; Sequence 2719, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2719
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-2719

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 33 GAGTAGGACGAG 44
   |||||
Db 13 GAGTAGGACGAG 2

RESULT 1528
US-09-371-772B-5607/c
; Sequence 5607, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5607
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5607

Query Match          0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ATGCACAGGAAT 29
   |||||
Db 16 ATGCACAGGAAT 5

RESULT 1529
US-09-371-772B-5608/c
; Sequence 5608, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
```

APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: M8H00, 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 5608  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-S608

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 18 ATGGACAGGAAT 29  
Db 15 ATGGACAGGAAT 4

RESULT 1530  
US-09-371-772B-6705  
Sequence 6705, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: M8H00, 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6705  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6705

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 83.3%; Pred. No. 7.2e+02;  
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 821 AGAAGTCCCTCA 832  
Db 1 AGAAGTCCCTCA 12

RESULT 1531  
US-09-371-772B-6816  
Sequence 6816, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor  
FILE REFERENCE: M8H00, 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 6816  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-6816

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 66.7%; Pred. No. 7.2e+02;  
Matches 8; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 1701 CTCCTGCTCTAC 1712  
Db 6 CUCUCUGCCUAC 17

RESULT 1532  
US-09-401-063-279/C  
Sequence 279, Application US/09401063  
Patent No. 6623962  
GENERAL INFORMATION:  
APPLICANT: Akhtar, Saghir  
APPLICANT: Fell, Patricia  
APPLICANT: McSwiggen, James  
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF EPIDERMAL GROWTH FACTOR RECEPTORS  
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
STATE: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 279:  
SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-279

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1366 CTTGATAGCAC 1377  
Db 12 CTTGATAGCAC 1

RESULT 1535  
US-09-401-063-645/c  
; Sequence 645, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 645:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-401-063-645

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTAAGGAGATT 1527  
Db 15 CTAAGGAGATT 4

RESULT 1535  
US-09-401-063-647/c  
; Sequence 647, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT

Db 17 CTAAGGAGATT 6

RESULT 1534  
US-09-401-063-646/c  
; Sequence 646, Application US/09401063  
; Patent No. 6623962  
; GENERAL INFORMATION:  
; APPLICANT: Akhtar, Saghir  
; APPLICANT: McSwiggen, James  
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT  
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTORS  
; NUMBER OF SEQUENCES: 1877  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071-2066  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: FastSeq for Windows 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/401,063  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/985,162  
; FILING DATE: 04 December 1997  
; APPLICATION NUMBER: 60/036,476  
; FILING DATE: 31 January 1997  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 230/107  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 646:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 17 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-09-401-063-646

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTAAGGAGATT 1527  
Db 15 CTAAGGAGATT 4

TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED  
TO LEVELS OF EPIDERMAL GROWTH  
TITLE OF INVENTION: FACTOR RECEPTORS  
TITLE OF INVENTION: FACTOR RECEPTORS  
NUMBER OF SEQUENCES: 1877  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: FastSeq for Windows 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/401,063  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/985,162  
FILING DATE: 04 December 1997  
APPLICATION NUMBER: 60/036,476  
FILING DATE: 31 January 1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 230/107  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 647:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-401-063-647

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1516 CTAAGGAGATT 1527  
Db 12 CTAAGGAGATT 1

RESULT 1536  
US-09-827-998-539  
; Sequence 539, Application US/09827998  
; Patent No. 6656700  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E  
; FILE REFERENCE: MDMORF-8  
; CURRENT APPLICATION NUMBER: US/09/827,998  
; CURRENT FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; NUMBER OF SEQ ID NOS: 1881  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6656700  
; SEQ ID NO 539  
; LENGTH: 17  
; TYPE: DNA

; ORGANISM: Homo sapiens  
US-09-827-998-539  
Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 287 AACTTCGTTCTG 298  
Db 6 AACTTCGTTCTG 17

RESULT 1537  
US-09-866-108A-171/c  
; Sequence 171, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ACOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 171  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-171

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCA 1192  
Db 17 ATGAGATGGCCA 6

RESULT 1538  
US-09-866-108A-172/c  
; Sequence 172, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong

```

; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 172
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-172

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;

QY 1181 ATGAGATGGCCA 1192
Db 16 ATGAGATGGCCA 5

RESULT 1539
US-09-866-108A-173/c
; Sequence 173, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 172
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-172

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;

QY 1181 ATGAGATGGCCA 1192
Db 16 ATGAGATGGCCA 5

RESULT 1540
US-09-866-108A-174/c
; Sequence 174, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 174
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-173
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Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0;

QY 1181 ATGAGATGGCCA 1192  
Db 15 ATGAGATGGCCA 4

#### RESULT 1540

US-09-866-108A-174/c  
; Sequence 174, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 174  
; LENGTH: 17

; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-174

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCA 1192  
Db 14 ATGAGATGGCCA 3

## RESULT 1541

US-09-866-108A-175/c  
; Sequence 175, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 175

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-175

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCA 1192  
Db 13 ATGAGATGGCCA 2

## RESULT 1542

US-09-866-108A-176/c

; Sequence 176, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aemica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 176

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-176

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1181 ATGAGATGGCCA 1192  
Db 12 ATGAGATGGCCA 1

## RESULT 1543

US-09-866-108A-521

; Sequence 521, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 521  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-522

Query Match 0.7%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 204 CCTGAGCAGAT 215  
 DB 2 CCTGAGCAGAT 13

RESULT 1544  
 US-09-866-108A-522  
 ; Sequence 522, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 522

; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-522  
 Query Match 0.7%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 204 CCTGAGCAGAT 215  
 DB 1 CCTGAGCAGAT 12

RESULT 1545  
 US-09-866-108A-1652  
 ; Sequence 1652, Application US/09866108A  
 ; Patent No. 6686188  
 ; GENERAL INFORMATION:  
 ; APPLICANT: GU, Yizhong  
 ; APPLICANT: JI, Yonggang  
 ; APPLICANT: PENN, Sharron G.  
 ; APPLICANT: HANZEL, David K.  
 ; APPLICANT: RANK, David R.  
 ; APPLICANT: CHEN, Wensheng  
 ; APPLICANT: SHANNON, Mark  
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
 ; FILE REFERENCE: AECOMICA-7  
 ; CURRENT APPLICATION NUMBER: US/09/866,108A  
 ; CURRENT FILING DATE: 2001-05-25  
 ; PRIOR APPLICATION NUMBER: US 60/207,456  
 ; PRIOR FILING DATE: 2000-05-26  
 ; PRIOR APPLICATION NUMBER: GB 24263.6  
 ; PRIOR FILING DATE: 2000-10-04  
 ; PRIOR APPLICATION NUMBER: US 60/236,359  
 ; PRIOR FILING DATE: 2000-09-27  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668  
 ; PRIOR FILING DATE: 2001-01-30  
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663  
 ; PRIOR FILING DATE: 2001-01-30  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 15755  
 ; SOFTWARE: Aecomica Sequence Listing Engine  
 ; Patent No. 6686188  
 ; SEQ ID NO 1652  
 ; LENGTH: 17  
 ; TYPE: DNA  
 ; ORGANISM: Homo sapiens  
 US-09-866-108A-1652

Query Match 0.7%; Score 12; DB 1; Length 17;  
 Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
 Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGGCCAG 1547  
 DB 6 AAAGGAGGCCAG 17

RESULT 1546  
 US-09-866-108A-1653  
 ; Sequence 1653, Application US/09866108A  
 ; Patent No. 6686188

```

; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1653
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1653

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGCCGAG 1547
Db 5 AAAGGAGCCGAG 16

RESULT 1547
US-09-866-108A-1654
; Sequence 1654, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1653
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1654

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGCCGAG 1547
Db 5 AAAGGAGCCGAG 16

RESULT 1547
US-09-866-108A-1654
; Sequence 1654, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 1654
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-1654

Query Match 0.7%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGCCGAG 1547
Db 4 AAAGGAGCCGAG 15

RESULT 1548
US-09-866-108A-1655
; Sequence 1655, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NOS: 15755
; NUMBER OF SEQ ID NOS: 15755
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeoica Sequence Listing Engine
; Patent No. 6686188
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; SEQ ID NO 1655  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1655

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGGCCAG 1547  
|||||  
DB 3 AAAGGAGGCCAG 14

## RESULT 1549

US-09-866-108A-1656  
; Sequence 1656, Application US/09866108A  
; Patent No. 6686188

## GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aeoica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1656  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1656

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGGCCAG 1547  
|||||  
DB 2 AAAGGAGGCCAG 13

## RESULT 1550

US-09-866-108A-1657  
; Sequence 1657, Application US/09866108A

; Patent No. 6686188

## GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aeoica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 1657  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-1657

Query Match 0.7%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1536 AAAGGAGGCCAG 1547  
|||||  
DB 1 AAAGGAGGCCAG 12

## RESULT 1551

US-09-866-108A-8423  
; Sequence 8423, Application US/09866108A  
; Patent No. 6686188

## GENERAL INFORMATION:

; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8423  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8423

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0

QY 960 GCAGAGGTGCT 971  
|||  
Db 6 GCAGAGGTGCT 17

RESULT 1552  
US-09-866-108A-8424  
; Sequence 8424, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ACOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866.108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine

; Patent No. 6686188  
; SEQ ID NO 8424  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8424

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0

QY 960 GCAGAGGTGCT 971  
|||  
Db 5 GCAGAGGTGCT 16

RESULT 1553  
US-09-866-108A-8425  
; Sequence 8425, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ACOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866.108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8425  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8425

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0

QY 960 GCAGAGGTGCT 971  
|||  
Db 4 GCAGAGGTGCT 15

RESULT 1554  
US-09-866-108A-8426

Sequence 8426, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aemica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8426  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8426

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0;

Qy 960 GCAGAAGGTGCT 971  
|||  
Db 3 GCAGAAGGTGCT 14

RESULT 1555  
US-09-866-108A-8427  
Sequence 8427, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755  
SOFTWARE: Aemica Sequence Listing Engine  
Patent No. 6686188  
SEQ ID NO 8427  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8427

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0; Gaps 0;  
Matches 12; Conservative 0; Mismatches 0;

Qy 960 GCAGAAGGTGCT 971  
|||  
Db 2 GCAGAAGGTGCT 13

RESULT 1556  
US-09-866-108A-8428  
Sequence 8428, Application US/09866108A  
Patent No. 6686188  
GENERAL INFORMATION:  
APPLICANT: GU, Yizhong  
APPLICANT: JI, Yonggang  
APPLICANT: PENN, Sharron G.  
APPLICANT: HANZEL, David K.  
APPLICANT: RANK, David R.  
APPLICANT: CHEN, Wensheng  
APPLICANT: SHANNON, Mark  
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
FILE REFERENCE: AEMICA-7  
CURRENT APPLICATION NUMBER: US/09/866,108A  
CURRENT FILING DATE: 2001-05-25  
PRIOR APPLICATION NUMBER: US 60/207,456  
PRIOR FILING DATE: 2000-05-26  
PRIOR APPLICATION NUMBER: GB 24263.6  
PRIOR FILING DATE: 2000-10-04  
PRIOR APPLICATION NUMBER: US 60/236,359  
PRIOR FILING DATE: 2000-09-27  
PRIOR APPLICATION NUMBER: PCT/US01/00666  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00667  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00664  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00669  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00665  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00668  
PRIOR FILING DATE: 2001-01-30  
PRIOR APPLICATION NUMBER: PCT/US01/00663  
PRIOR FILING DATE: 2001-01-30  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8428  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8428

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 960 GCAGAGGTGCT 971  
|||  
Db 1 GCAGAGGTGCT 12

RESULT 1557  
US-09-866-108A-9692/c  
; Sequence 9692, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ACOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 9692  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-9692

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 359 ATGGGAGAGTG 370  
|||  
Db 17 ATGGGAGAGTG 6

RESULT 1558

US-09-866-108A-9693/c  
; Sequence 9693, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ACOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 9693  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-9693

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 359 ATGGGAGAGTG 370  
|||  
Db 16 ATGGGAGAGTG 5

- See File Wrapper or PALM.

RESULT 1559  
US-09-866-108A-9694/c  
; Sequence 9694, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ACOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 9694  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-9694

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0;  
Matches 12; Conservative 0; Mismatches 0; Gaps 0;

QY 359 ATGGGGAGAGTG 370  
Db 15 ATGGGGAGAGTG 4

RESULT 1560  
US-09-866-108A-9695/c  
; Sequence 9695, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ACOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 9696  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-9696

; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 9695  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-9695

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0;  
Matches 12; Conservative 0; Mismatches 0; Gaps 0;

QY 359 ATGGGGAGAGTG 370  
Db 14 ATGGGGAGAGTG 3

RESULT 1561  
US-09-866-108A-9696/c  
; Sequence 9696, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: ACOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Acomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 9696  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-9696

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02; Indels 0;  
Matches 12; Conservative 0; Mismatches 0; Gaps 0;

QY 359 ATGGGGAGAGTG 370  
Db 13 ATGGGGAGAGTG 2

RESULT 1562  
US-09-866-108A-9697/c  
; Sequence 9697, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharon G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AROMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; CURRENT FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aecmica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 9697  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-9697

Query Match 0.7%; Score 12; DB 1; Length 17;  
Best Local Similarity 100.0%; Pred. No. 7.2e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 359 ATGGGGAGAGTG 370  
Db 12 ATGGGGAGAGTG 1

RESULT 1563  
US-07-971-096-16/c  
; Sequence 16, Application US/07971096  
; Patent No. 5480972  
; GENERAL INFORMATION:  
; APPLICANT: Singh, Mohan Bir  
; APPLICANT: Avjoglou, Asil  
; APPLICANT: Knox, Robert Bruce  
; TITLE OF INVENTION: ALLERGENIC PROTEINS AND PEPTIDES FROM  
; TITLE OF INVENTION: JOHNSON GRASS POLLEN  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD  
; STREET: 60 State Street, Suite 510  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02109

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0,  
; SOFTWARE: Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/971,096  
; FILING DATE: 19921030  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mandragouras, Amy E.  
; REGISTRATION NUMBER: 36,207  
; REFERENCE/DOCKET NUMBER: IPC-042 (IMI-022)  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 227-7400  
; TELEFAX: (617) 227-5941  
; INFORMATION FOR SEQ ID NO: 16:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: NUCLEIC ACID  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: cDNA  
US-07-971-096-16

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 343 TTGAAGATGGG 354  
Db 18 TTGAAGATGGG 7

RESULT 1564  
US-08-319-492B-747/c  
; Sequence 747, Application US/08319492B  
; Patent No. 5616488  
; GENERAL INFORMATION:  
; APPLICANT: Sullivan, Sean M.  
; APPLICANT: Draper, Kenneth G.  
; APPLICANT: McSwiggen, James  
; APPLICANT: Stinchcomb, Dan T.  
; TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES  
; TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS  
; TITLE OF INVENTION: OF IL-5  
; NUMBER OF SEQUENCES: 751  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Lyon & Lyon  
; STREET: 633 West Fifth Street  
; STREET: Suite 4700  
; CITY: Los Angeles  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 90071  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
; MEDIUM TYPE: storage  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: IBM P.C. DOS 5.0  
; SOFTWARE: Word Perfect 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/319,492B  
; FILING DATE: October 7, 1994  
; PRIOR APPLICATION DATA: including application  
; PRIOR APPLICATION DATA: described below:  
; APPLICATION NUMBER: 08/008,895  
; FILING DATE: January 19, 1993

Two

US-00-050-CT-00-00

RESULT 1567  
US-08-593-031-1/c  
; Sequence 1, Application US/085930301  
; Patent No. 5736626

GENERAL INFORMATION:  
APPLICANT: Khairuzzaman Bashar Mullah  
TITLE OF INVENTION: Solid Support Reagents for the Direct Synthesis of 3'-Labelled  
NUMBER OF SEQUENCES: 1  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Paul Grossman, The Perkin Elmer Corporation, Applied Biosystems Div.  
STREET: 850 Lincoln Centre Drive  
CITY: Foster City  
STATE: California  
COUNTRY: USA  
ZIP: 94404  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 3.1/DOS 6.20  
SOFTWARE: Microsoft Word for Windows, vers. 6.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/593,031  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Paul Grossman  
REGISTRATION NUMBER: 36,537  
REFERENCE/DOCKET NUMBER: 4296  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 638-5846  
TELEFAX: (415) 638-6071  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-593-031-1

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 706 GAGATCAGACTG 717  
Db 15 GAGATCAGACTG 4

RESULT 1568  
US-08-424-663-6  
Sequence 6, Application US/08424663  
Patent No. 5750341  
GENERAL INFORMATION:  
APPLICANT: MACEVICZ, Stephen C.  
TITLE OF INVENTION: DNA Sequencing by Stepwise Extension with Oligonucleotide Bloc  
NUMBER OF SEQUENCES: 8  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Stephen C. Macevicz  
STREET: 21890 Rucker Drive  
CITY: Cupertino  
STATE: California  
COUNTRY: USA  
ZIP: 95014  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5 inch diskette  
COMPUTER: IBM compatible  
OPERATING SYSTEM: Windows 3.1/DOS 5.0  
SOFTWARE: Microsoft Word for Windows, vers. 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/424,663  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION NUMBER:

FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Stephen C. Macevicz  
REGISTRATION NUMBER: 30,285  
REFERENCE/DOCKET NUMBER: Deol  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 638-5552  
TELEFAX:  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 nucleotides  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-424-663-6

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1009 GAGAGGGGAGAG 1020  
Db 5 GAGAGGGGAGAG 16

RESULT 1569  
US-08-525-849C-17  
Sequence 17, Application US/08525849C  
Patent No. 5866411  
GENERAL INFORMATION:  
APPLICANT: Pederson, Finn S  
APPLICANT: Lund, Anders H  
APPLICANT: Lovmand, Jette  
APPLICANT: Jorgensen, Poul  
APPLICANT: Duch, Mogens  
TITLE OF INVENTION: A RETROVIRAL VECTOR, A REPLICATION  
TITLE OF INVENTION: SYSTEM FOR SAID VECTOR AND AVIAN OR MAMMALIAN CELLS  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Gordon W. Hueschen  
STREET: 715 The "H" Building, 310 East Michigan  
CITY: Kalamazoo  
STATE: MI  
COUNTRY: USA  
ZIP: 49007  
COMPUTER READABLE FORM: disk  
MEDIUM TYPE: Floppy  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/525,849C  
FILING DATE: 08-SEP-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Hueschen, Gordon W.  
REGISTRATION NUMBER: 16,157  
REFERENCE/DOCKET NUMBER: BNRIAS 100  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 616-382-0030  
TELEFAX: 616-382-2030  
INFORMATION FOR SEQ ID NO: 17:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: tRNA  
US-08-525-849C-17

Query Match 0.7%; Score 12; DB 1; Length 18;



Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 AGAGGGGCGACC 737  
Db 6 AGAGGGGCGACC 17

RESULT 1570  
US-08-749-495A-17  
; Sequence 17, Application US/08749495A  
; Patent No. 5886166  
; GENERAL INFORMATION:  
; APPLICANT: Pederson, Finn S  
; APPLICANT: Lund, Anders H  
; APPLICANT: Lovmand, Jette  
; APPLICANT: Jorgensen, Poul  
; APPLICANT: Duch, Mogens  
; TITLE OF INVENTION: A RETROVIRAL VECTOR, A REPLICATION  
; TITLE OF INVENTION: SYSTEM FOR SAID VECTOR AND AVIAN OR MAMMALIAN CELLS  
; TITLE OF INVENTION: TRANSFECTED WITH SAID VECTOR  
; NUMBER OF SEQUENCES: 25

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Gordon W. Hueschen  
; STREET: 715 The "H" Building, 310 East Michigan  
; CITY: Kalamazoo  
; STATE: MI  
; COUNTRY: USA  
; ZIP: 49007

; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/749,495A

; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/525,849  
; FILING DATE: 08-SEP-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hueschen, Gordon W.  
; REGISTRATION NUMBER: 16,157  
; REFERENCE/DOCKET NUMBER: ENRIAS 100  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 616-382-0030  
; TELEFAX: 616-382-2030  
; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: tRNA  
US-08-749-495A-17

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 AGAGGGGCGACC 737  
Db 6 AGAGGGGCGACC 17

RESULT 1571  
US-08-872-446-6  
; Sequence 6, Application US/08872446  
; Patent No. 5969119  
; GENERAL INFORMATION:  
; APPLICANT: Macevitz, Stephen C.

; TITLE OF INVENTION: DNA Sequencing by Parallel  
; TITLE OF INVENTION: Oligonucleotide Extensions  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dehlinger & Associates  
; STREET: 350 Cambridge Avenue, Suite 250  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/872,446  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/424,663  
; FILING DATE: 17-APR-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Powers, Vincent M.  
; REGISTRATION NUMBER: 36,246  
; REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (650) 324-0880  
; TELEFAX: (650) 324-0960  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-872-446-6

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1009 GAGAGGGGAGAG 1020  
Db 5 GAGAGGGGAGAG 16

RESULT 1572  
US-08-872-446-10/c  
; Sequence 10, Application US/08872446  
; Patent No. 5969119  
; GENERAL INFORMATION:  
; APPLICANT: Macevitz, Stephen C.  
; TITLE OF INVENTION: DNA Sequencing by Parallel  
; TITLE OF INVENTION: Oligonucleotide Extensions  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dehlinger & Associates  
; STREET: 350 Cambridge Avenue, Suite 250  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/872,446  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/424,663

```

; FILING DATE: 17-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Powers, Vincent M.
; REGISTRATION NUMBER: 36,246
; REFERENCE/DOCKET NUMBER: 5525-0015/peclus
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 324-0880
; TELEFAX: (650) 324-0960
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-872-446-10

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1009 GAGAGGGGAG 1020
Db 14 GAGAGGGGAG 3

RESULT 1573
US-09-205-921-22
; Sequence 22, Application US/09205921A
; Patent No. 6005048
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: ex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF EGR-1 EXPRESSION
; FILE REFERENCE: RTS-0028
; CURRENT APPLICATION NUMBER: US/09/205,921A
; CURRENT FILING DATE: 1998-12-04
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-205-921-22

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 35 GGTAGGCGAGG 46
Db 7 GGTAGGCGAGG 18

RESULT 1574
US-09-169-078-17
; Sequence 17, Application US/09169078
; Patent No. 6037172
; GENERAL INFORMATION:
; APPLICANT: Pederson, Finn S
; APPLICANT: Lund, Anders H
; APPLICANT: Lovmand, Jette
; APPLICANT: Jorgensen, Poul
; APPLICANT: Duch, Mogens
; TITLE OF INVENTION: A RETROVIRAL VECTOR, A REPLICATION
; TITLE OF INVENTION: SYSTEM FOR SAID VECTOR AND AVIAN OR MAMMALIAN CELLS
; TITLE OF INVENTION: TRANSCRIPTED WITH SAID VECTOR
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Gordon W. Hueschen
; STREET: 715 The "H" Building, 310 East Michigan
; CITY: Kalamazoo
```

```

; STATE: MI
; COUNTRY: USA
; ZIP: 49007
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/169,078
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/525,849
; FILING DATE: 08-SEP-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Hueschen, Gordon W.
; REGISTRATION NUMBER: 16,157
; REFERENCE/DOCKET NUMBER: BNR1AS 100
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 616-382-0030
; TELEFAX: 616-382-2030
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: tRNA
; US-09-169-078-17

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 726 AGAGGGGGCACC 737
Db 6 AGAGGGGGCACC 17

RESULT 1575
US-08-945-654-5
; Sequence 5, Application US/08945654
; Patent No. 6071747
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IMMORTALIZED CELL LINES FROM HUMAN
; TITLE OF INVENTION: ADIPOSE TISSUE, PROCESS FOR PREPARING SAME AND APPLICATIONS
; NUMBER OF SEQUENCES: 22
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/945,654
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9504922
; FILING DATE: 25-APR-1995
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
; US-08-945-654-5

Query Match 0.7%; Score 12; DB 1; Length 18;
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 GCTCCGTGGCCT 944  
|||||  
Db 4 GCTCCGTGGCCT 15

## RESULT 1576

US-09-344-521-9/c  
; Sequence 9, Application US/09344521  
; Patent No. 6100090  
; GENERAL INFORMATION:  
; APPLICANT: Brett P. Monia  
; APPLICANT: Lex M. Cowsett  
; TITLE OF INVENTION: ANTISENSE MODULATION OF PI3K P85 EXPRESSION  
; FILE REFERENCE: RTS-0062  
; CURRENT APPLICATION NUMBER: US/09/344,521  
; CURRENT FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 47  
; SEQ ID NO 9  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Antisense Oligonucleotide  
US-09-344-521-9

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 17 GATGGACAGGAA 28  
|||||  
Db 14 GATGGACAGGAA 3

## RESULT 1577

US-09-169-248-17  
; Sequence 17, Application US/09169248  
; Patent No. 6107478  
; GENERAL INFORMATION:  
; APPLICANT: Pederson, Finn S  
; APPLICANT: Lund, Anders H  
; APPLICANT: Lovmand, Jette  
; APPLICANT: Jorgensen, Poul  
; APPLICANT: Duch, Mogens  
; TITLE OF INVENTION: A RETROVIRAL VECTOR, A REPLICATION  
; TITLE OF INVENTION: SYSTEM FOR SAID VECTOR AND AVIAN OR MAMMALIAN CELLS  
; TITLE OF INVENTION: TRANSFECTED WITH SAID VECTOR  
; NUMBER OF SEQUENCES: 25  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Gordon W. Hueschen  
; STREET: 715 The "H" Building, 310 East Michigan  
; STREET: Avenue  
; CITY: Kalamazoo  
; STATE: MI  
; COUNTRY: USA  
; ZIP: 49007  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/169,248  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/525,849  
; FILING DATE: 08-SEP-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Hueschen, Gordon W.

; REGISTRATION NUMBER: 16,157  
; REFERENCE/DOCKET NUMBER: ENRIAS 100  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 616-382-0030  
; TELEFAX: 616-382-2030

; INFORMATION FOR SEQ ID NO: 17:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: tRNA  
US-09-169-248-17

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 AGAGGGGGCACC 737  
|||||  
Db 6 AGAGGGGGCACC 17

## RESULT 1578

US-08-960-780-110  
; Sequence 110, Application US/08960780  
; Patent No. 6204435  
; GENERAL INFORMATION:  
; APPLICANT: Feitelson, Jerald S.  
; APPLICANT: Schnepf, H. Ernest  
; APPLICANT: Narva, Kenneth E.  
; APPLICANT: Stockhoff, Brian A.  
; APPLICANT: Schneits, James  
; APPLICANT: Loewer, David  
; APPLICANT: Dullum, Charles Joseph  
; APPLICANT: Muller-Cohn, Judy  
; APPLICANT: Stamp, Lisa  
; TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide  
; NUMBER OF SEQUENCES: 134  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
; STREET: 2421 N.W. 41st Street, Suite A-1  
; CITY: Gainesville  
; STATE: FL  
; COUNTRY: US  
; ZIP: 32606-6669  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/960,780  
; FILING DATE: 30-OCT-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 60/029,848  
; FILING DATE: 30-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Saliwanchik, David R.  
; REGISTRATION NUMBER: 31,794  
; REFERENCE/DOCKET NUMBER: MA-708  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 352-375-8100  
; TELEFAX: 352-372-5800  
; INFORMATION FOR SEQ ID NO: 110:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)

US-08-960-780-110

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 66.7%; Pred. No. 7.9e+02;  
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 751 CGGGAAGTGTCCCTGCTC 768  
Db 1 CTGGAARYGTSACGGCTC 18

RESULT 1579

US-08-960-780-134/c  
Sequence 134, Application US/08960780  
Patent No. 6204435

GENERAL INFORMATION:

APPLICANT: Feitelson, Jerald S.  
APPLICANT: Schnepf, H. Ernest  
APPLICANT: Narva, Kenneth E.  
APPLICANT: Stockhoff, Brian A.  
APPLICANT: Schmeits, James  
APPLICANT: Loewer, David  
APPLICANT: Dullum, Charles Joseph  
APPLICANT: Muller-Cohn, Judy  
APPLICANT: Stamp, Lisa

TITLE OF INVENTION: No. 6204435el Pesticidal Toxins and Nucleotide  
TITLE OF INVENTION: Sequences Which Encode These Toxins  
NUMBER OF SEQUENCES: 134

CORRESPONDENCE ADDRESS:

ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
STREET: 2421 N.W. 41st Street, Suite A-1  
CITY: Gainesville  
STATE: FL

COUNTRY: US

ZIP: 32608-6669

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/960,780

FILING DATE: 30-OCT-1997

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/029,848

FILING DATE: 30-OCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: Saliwanchik, David R.

REGISTRATION NUMBER: 31,794

REFERENCE/DOCKET NUMBER: NA-708

TELECOMMUNICATION INFORMATION:

TELEPHONE: 352-375-8100

TELEFAX: 352-372-5800

INFORMATION FOR SEQ ID NO: 134:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-960-780-134

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 66.7%; Pred. No. 7.9e+02;  
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 751 CGGGAAGTGTCCCTGCTC 768  
Db 18 CTGGAARYGTSACGGCTC 1

RESULT 1580

US-08-991-789A-128

Sequence 128, Application US/08991789A  
Patent No. 6225054

GENERAL INFORMATION:

APPLICANT: Frudakis, Tony N.  
Smith, John W.

Reed, Steven G.

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
TREATMENT AND DIAGNOSIS OF BREAST CANCER

NUMBER OF SEQUENCES: 292

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed IP Law Group

STREET: 701 Fifth Avenue, Suite 6300

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/991,789A

FILING DATE: 11-Dec-1997

CLASSIFICATION: &lt;Unknown&gt;

ATTORNEY/AGENT INFORMATION:

NAME: Potter, Jane E. R.

REGISTRATION NUMBER: 33,332

REFERENCE/DOCKET NUMBER: 210121.419C3

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 128:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 128:

US-08-991-789A-128

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1713 CTGCTGAGCCA 1724

Db 1 CTGCTGAGCCA 12

RESULT 1581

US-09-073-898-110

Sequence 110, Application US/09073898

Patent No. 6242669

GENERAL INFORMATION:

APPLICANT: Feitelson, Jerald S.

APPLICANT: Schnepf, H. Ernest

APPLICANT: Narva, Kenneth E.

APPLICANT: Stockhoff, Brian A.

APPLICANT: Schmeits, James

APPLICANT: Loewer, David

APPLICANT: Dullum, Charles Joseph

APPLICANT: Muller-Cohn, Judy

APPLICANT: Stamp, Lisa

APPLICANT: Morrill, George

APPLICANT: Finstad-Lee, Stacey

TITLE OF INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide

TITLE OF INVENTION: Sequences Which Encode These Toxins

NUMBER OF SEQUENCES: 144

CORRESPONDENCE ADDRESS:

ADDRESSEE: Saliwanchik, Lloyd &amp; Saliwanchik

STREET: 2421 N.W. 41st Street, Suite A-1

```
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: US
/ ZIP: 32606-6669
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/073,898
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/029,848
/ FILING DATE: 30-OCT-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/960,780
/ FILING DATE: 30-OCT-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sanders, Jay M.
/ REGISTRATION NUMBER: 39,355
/ REFERENCE/DOCKET NUMBER: MA-708C1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352-375-8100
/ TELEFAX: 352-372-5800
/ INFORMATION FOR SEQ ID NO: 110:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-09-073-898-110

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 7.9e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 751 CGGGAAGTGTCCCTGCTC 768
Db 1 CTGGAARYGTSACGGCTC 18

RESULT 1582
US-09-073-898-134/c
/ Sequence 134, Application US/09073898
/ Patent No. 6242669
/ GENERAL INFORMATION:
/ APPLICANT: Feltelson, Jerald S.
/ APPLICANT: Schnepf, H. Ernest
/ APPLICANT: Narva, Kenneth E.
/ APPLICANT: Stockhoff, Brian A.
/ APPLICANT: Schmeits, James
/ APPLICANT: Loewer, David
/ APPLICANT: Dullum, Charles Joseph
/ APPLICANT: Muller-Cohn, Judy
/ APPLICANT: Stamp, Lisa
/ APPLICANT: Morrill, George
/ APPLICANT: Finstad-Lee, Stacey
/ TITLE OF INVENTION: No. 6242669el Pesticidal Toxins and Nucleotide
/ TITLE OF INVENTION: Sequences Which Encode These Toxins
/ NUMBER OF SEQUENCES: 144
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
/ STREET: 2421 N.W. 41st Street, Suite A-1
/ CITY: Gainesville
/ STATE: FL
/ COUNTRY: US
/ ZIP: 32606-6669
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
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/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.30
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/073,898
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/029,848
/ FILING DATE: 30-OCT-1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/960,780
/ FILING DATE: 30-OCT-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Sanders, Jay M.
/ REGISTRATION NUMBER: 39,355
/ REFERENCE/DOCKET NUMBER: MA-708C1
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 352-375-8100
/ TELEFAX: 352-372-5800
/ INFORMATION FOR SEQ ID NO: 134:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ US-09-073-898-134

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 66.7%; Pred. No. 7.9e+02;
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 751 CGGGAAGTGTCCCTGCTC 768
Db 18 CTGGAARYGTSACGGCTC 1

RESULT 1583
US-09-256-340-2/c
/ Sequence 2, Application US/09256340
/ Patent No. 6255476
/ GENERAL INFORMATION:
/ APPLICANT: Vinayak, Ravi S.
/ APPLICANT: Lee, Linda G.
/ APPLICANT: Mullah, Khairuzaman B.
/ APPLICANT: Rosenblum, Barnett B.
/ TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled
/ TITLE OF INVENTION: Oligonucleotides and Analogs on Solid-Supports
/ FILE REFERENCE: 4407
/ CURRENT APPLICATION NUMBER: US/09/256,340
/ CURRENT FILING DATE: 1999-02-22
/ NUMBER OF SEQ ID NOS: 8
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 2
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Unknown
/ FEATURE:
/ OTHER INFORMATION: Test Sequence
/ US-09-256-340-2

Query Match 0.7%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 706 GAGATCAGACTG 717
Db 15 GAGATCAGACTG 4

RESULT 1584
US-09-256-340-3/c
/ Sequence 3, Application US/09256340
```

Patent No. 6255476  
GENERAL INFORMATION:  
APPLICANT: Vinayak, Ravi S.  
APPLICANT: Lee, Linda G.  
APPLICANT: Mullah, Khairuzzaman B.  
APPLICANT: Rosenblum, Barnett B.  
TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled  
TITLE OF INVENTION: Oligonucleotides and Analogs on Solid-Supports  
FILE REFERENCE: 4407  
CURRENT APPLICATION NUMBER: US/09/256,340  
CURRENT FILING DATE: 1999-02-22  
NUMBER OF SEQ ID NOS: 8  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 3  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Unknown  
FEATURE:  
OTHER INFORMATION: Test Sequence  
US-09-256-340-3

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 706 GAGATCAGACTG 717  
Db 15 GAGATCAGACTG 4

RESULT 1585  
US-09-280-270A-6  
Sequence 6, Application US/09280270A  
Patent No. 6306597  
GENERAL INFORMATION:  
APPLICANT: Macevicz, Stephen C.  
TITLE OF INVENTION: DNA Sequencing by Parallel  
TITLE OF INVENTION: Oligonucleotide Extensions  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: US/09/280,270A  
FILING DATE: 29-Mar-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/424,663  
FILING DATE: 17-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-280-270A-6

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 706 GAGATCAGACTG 717  
Db 15 GAGATCAGACTG 4

RESULT 1585  
US-09-280-270A-6  
Sequence 6, Application US/09280270A  
Patent No. 6306597  
GENERAL INFORMATION:  
APPLICANT: Macevicz, Stephen C.  
TITLE OF INVENTION: DNA Sequencing by Parallel  
TITLE OF INVENTION: Oligonucleotide Extensions  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: US/09/280,270A  
FILING DATE: 29-Mar-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/424,663  
FILING DATE: 17-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-280-270A-6

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1009 GAGAGGGGAGAG 1020  
Db 5 GAGAGGGGAGAG 16

RESULT 1586  
US-09-280-270A-10/c  
Sequence 10, Application US/09280270A  
Patent No. 6306597  
GENERAL INFORMATION:  
APPLICANT: Macevicz, Stephen C.  
TITLE OF INVENTION: DNA Sequencing by Parallel  
TITLE OF INVENTION: Oligonucleotide Extensions  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Dehlinger & Associates  
STREET: 350 Cambridge Avenue, Suite 250  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION NUMBER: US/09/280,270A  
FILING DATE: 29-Mar-1999  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/424,663  
FILING DATE: 17-APR-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Powers, Vincent M.  
REGISTRATION NUMBER: 36,246  
REFERENCE/DOCKET NUMBER: 5525-0015/peolus  
TELEPHONE: (650) 324-0880  
TELEFAX: (650) 324-0960  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-09-280-270A-10

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1009 GAGAGGGGAGAG 1020  
Db 14 GAGAGGGGAGAG 3

RESULT 1587  
US-09-813-378-2/c  
Sequence 2, Application US/09813378  
Patent No. 6316610  
GENERAL INFORMATION:  
APPLICANT: Vinayak, Ravi S.  
APPLICANT: Lee, Linda G.  
APPLICANT: Mullah, Khairuzzaman B.  
APPLICANT: Rosenblum, Barnett B.  
TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled

;; TITLE OF INVENTION: Oligonucleotides and Analogs on Solid-Supports  
;; FILE REFERENCE: 4407  
;; CURRENT APPLICATION NUMBER: US/09/813,378  
;; PRIOR FILING DATE: 2001-03-20  
;; PRIOR APPLICATION NUMBER: 09/256,340  
;; PRIOR FILING DATE: 1999-02-22  
;; NUMBER OF SEQ ID NOS: 8  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 2  
;; LENGTH: 18  
;; TYPE: DNA  
;; ORGANISM: Unknown  
;; FEATURE:  
;; OTHER INFORMATION: Test Sequence  
US-09-813-378-2

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 706 GAGATCAGACTG 717  
Db 15 GAGATCAGACTG 4  
|||||

RESULT 1588  
US-09-813-378-3/c  
;; Sequence 3, Application US/09813378  
;; Patent No. 6316610  
;; GENERAL INFORMATION:  
;; APPLICANT: Vinayak, Ravi S.  
;; APPLICANT: Lee, Linda G.  
;; APPLICANT: Mullah, Khairuzaman B.  
;; APPLICANT: Rosenblum, Barnett B.  
;; TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled  
;; TITLE OF INVENTION: Oligonucleotides and Analogs on Solid-Supports  
;; FILE REFERENCE: 4407  
;; CURRENT APPLICATION NUMBER: US/09/813,378  
;; CURRENT FILING DATE: 2001-03-20  
;; PRIOR APPLICATION NUMBER: 09/256,340  
;; PRIOR FILING DATE: 1999-02-22  
;; NUMBER OF SEQ ID NOS: 8  
;; SOFTWARE: FastSeq for Windows Version 3.0  
;; SEQ ID NO 3  
;; LENGTH: 18  
;; TYPE: DNA  
;; ORGANISM: Unknown  
;; FEATURE:  
;; OTHER INFORMATION: Test Sequence  
US-09-813-378-3

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 706 GAGATCAGACTG 717  
Db 15 GAGATCAGACTG 4  
|||||

RESULT 1589  
US-09-813-378-4  
;; Sequence 4, Application US/09062451  
;; Patent No. 6344550  
;; GENERAL INFORMATION:  
;; APPLICANT: Frudakis, Tony N.  
;; APPLICANT: Smith, John M.  
;; APPLICANT: Reed, Steven G.  
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
;; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF BREAST CANCER  
;; NUMBER OF SEQUENCES: 297  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: SEED and BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/062,451  
FILING DATE: 04-APR-1997  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Maki, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.419C2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 128:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-062-451-128

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1713 CTCGCTGAGCCA 1724  
Db 1 CTCGCTGAGCCA 12  
|||||

RESULT 1590  
US-08-584-040-3075/c  
;; Sequence 3075, Application US/08584040  
;; Patent No. 6346398  
;; GENERAL INFORMATION:  
;; APPLICANT: Pavco, Pamela  
;; APPLICANT: McSwiggen, James  
;; APPLICANT: Stinchcomb, Dan T.  
;; APPLICANT: Escobedo, Jaime  
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
;; TITLE OF INVENTION: TREATMENT OF DISEASES OR  
;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS  
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL  
;; NUMBER OF SEQUENCES: 8502  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974

; FILING DATE: October 26, 1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Warburg, Richard J.  
; REGISTRATION NUMBER: 32,327  
; REFERENCE/DOCKET NUMBER: 218/064  
; TELEPHONE: (213) 489-1600  
; TELEFAX: (213) 955-0440  
; TELEX: 67-3510  
; INFORMATION FOR SEQ ID NO: 3075:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
US-08-584-040-3075

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 18 ATGCACAGGAAT 29  
Db 13 ATGCACAGGAAT 2

RESULT 1591  
US-09-205-995-16/c  
; Sequence 16, Application US/09205995  
; Patent No. 6368855  
; GENERAL INFORMATION:  
; APPLICANT: Xu, Minzhen  
; APPLICANT: Humphreys, Robert  
; TITLE OF INVENTION: CANCER CELL VACCINE  
; FILE REFERENCE: U.S. Application 09/205,995, (CIP)  
; CURRENT APPLICATION NUMBER: US/09/205,995  
; CURRENT FILING DATE: 1998-12-04  
; PRIOR APPLICATION NUMBER: 09/036,746  
; PRIOR FILING DATE: 1998-03-09  
; PRIOR APPLICATION NUMBER: 08/661,627  
; PRIOR FILING DATE: 1996-06-11  
; NUMBER OF SEQ ID NOS: 79  
; SOFTWARE: Patent In Ver. 2.0  
; SEQ ID NO 16  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: antisense  
; OTHER INFORMATION: oligonucleotide corresponding to a specific region  
; OTHER INFORMATION: of the mouse 11 gene.  
US-09-205-995-16

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 989 CCCAGAACTGC 1000  
Db 17 CCCAGAACTGC 6

RESULT 1592  
US-09-598-326-128  
; Sequence 128, Application US/09598326  
; Patent No. 6423496  
; GENERAL INFORMATION:  
; APPLICANT: Prudakis, Tony N.  
; Smith, John M.  
; Reed, Steven G.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
; TREATMENT AND DIAGNOSIS OF BREAST CANCER

NUMBER OF SEQUENCES: 247  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Seed Intellectual Property Law Group PLLC  
STREET: 701 Fifth Avenue, Suite 6300  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA: US/09/598,326  
FILING DATE: 20-Jun-2000  
CLASSIFICATION: <Unknown>  
ATTORNEY/AGENT INFORMATION:  
NAME: Potter, Jane E.R.  
REGISTRATION NUMBER: 33,332  
REFERENCE/DOCKET NUMBER: 210121.419D1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 128:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
SEQUENCE DESCRIPTION: SEQ ID NO: 128:  
US-09-598-326-128

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1713 CTGCTGAGCCA 1724  
Db 1 CTGCTGAGCCA 12

RESULT 1593  
US-10-010-717-2/c  
; Sequence 2, Application US/10010717  
; Patent No. 6525183  
; GENERAL INFORMATION:  
; APPLICANT: Vinayak, Ravi S.  
; APPLICANT: Lee, Linda G.  
; APPLICANT: Mullah, Khairuzaman B.  
; APPLICANT: Rosenblum, Barnett B.  
; TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled  
; TITLE OF INVENTION: Oligonucleotides and Analogs on Solid-Supports  
; FILE REFERENCE: 4407  
; CURRENT APPLICATION NUMBER: US/10/010,717  
; CURRENT FILING DATE: 2001-11-07  
; PRIOR APPLICATION NUMBER: 09/256,340  
; PRIOR FILING DATE: 1999-02-22  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 2  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Test Sequence  
US-10-010-717-2

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 706 GAGATCAGACTG 717



Db 15 GAGATCAGACTG 4  
|||||

## RESULT 1594

US-10-010-717-3/c  
; Sequence 3, Application US/10010717  
; Patent No. 6525183  
; GENERAL INFORMATION:  
; APPLICANT: Vinayak, Ravi S.  
; APPLICANT: Lee, Linda G.  
; APPLICANT: Mullah, Khairuzzaman B.  
; APPLICANT: Rosenblum, Barnett B.  
; TITLE OF INVENTION: Methods and Compositions for Synthesis of Labelled  
; FILE REFERENCE: 4407  
; CURRENT APPLICATION NUMBER: US/10/010,717  
; PRIOR FILING DATE: 2001-11-07  
; PRIOR APPLICATION NUMBER: 09/256,340  
; PRIOR FILING DATE: 1999-02-22  
; NUMBER OF SEQ ID NOS: 8  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 3  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Unknown  
; FEATURE:  
; OTHER INFORMATION: Test Sequence  
US-10-010-717-3

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 706 GAGATCAGACTG 717  
|||||

Db 15 GAGATCAGACTG 4

## RESULT 1595

US-09-422-978-4609  
; Sequence 4609, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density....  
; FILE REFERENCE: GENEST.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 4609  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: upstream amplification primer 99-16265 for SEQ 675,  
US-09-422-978-4609

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 594 TGGCTTTGGGAA 605

Db 1 TGGCTTTGGGAA 12  
|||||

## RESULT 1596

US-09-422-978-11660/C  
; Sequence 11660, Application US/09422978  
; Patent No. 6537751  
; GENERAL INFORMATION:  
; APPLICANT: Cohen, Daniel  
; APPLICANT: Blumenfeld, Marta  
; APPLICANT: Chumakov, Ilya  
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density....  
; FILE REFERENCE: GENEST.020CPI  
; CURRENT APPLICATION NUMBER: US/09/422,978  
; PRIOR FILING DATE: 1999-10-20  
; EARLIER APPLICATION NUMBER: US 09/298,850  
; EARLIER FILING DATE: 1999-04-21  
; EARLIER APPLICATION NUMBER: US 60/109,732  
; EARLIER FILING DATE: 1998-11-23  
; EARLIER APPLICATION NUMBER: US 60/082,614  
; EARLIER FILING DATE: 1998-04-21  
; NUMBER OF SEQ ID NOS: 11796  
; SEQ ID NO 11660  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Homo Sapiens  
; FEATURE:  
; NAME/KEY: primer\_bind  
; LOCATION: 1..18  
; OTHER INFORMATION: downstream amplification primer 99-21246 for SEQ 3795, in compl  
US-09-422-978-11660

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 531 CAATAGCCCCAT 542  
|||||

Db 17 CAATAGCCCCAT 6

## RESULT 1597

US-09-371-772B-1502/c  
; Sequence 1502, Application US/09371772B  
; Patent No. 6566127  
; GENERAL INFORMATION:  
; APPLICANT: Ribozyme Pharmaceuticals, Inc.  
; APPLICANT: Pavco, Pam  
; APPLICANT: McSwiggen, Jim  
; APPLICANT: Stinchcomb, Dan  
; APPLICANT: Escobedo, Jaime  
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
; FILE REFERENCE: MHB00.876-J (237/198)  
; CURRENT APPLICATION NUMBER: US/09/371,772B  
; CURRENT FILING DATE: 1999-08-10  
; PRIOR APPLICATION NUMBER: US 60/005,974  
; PRIOR FILING DATE: 1995-10-26  
; PRIOR APPLICATION NUMBER: US 08/584,040  
; PRIOR FILING DATE: 1996-01-08  
; NUMBER OF SEQ ID NOS: 14225  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 1502  
; LENGTH: 18  
; TYPE: RNA  
; ORGANISM: Homo sapiens  
US-09-371-772B-1502

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 ATGCACAGGAAT 29  
13 ATGCACAGGAAT 2

RESULT 1598  
US-09-289-198-128  
; Sequence 128, Application US/09289198  
; Patent No. 6586570  
; GENERAL INFORMATION:  
; APPLICANT: Frudakis, Tony N.  
; APPLICANT: Smith, John M.  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Mishner, Lynda  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
; TREATMENT AND DIAGNOSIS OF BREAST CANCER  
; FILE REFERENCE: 210121.419C5  
; CURRENT APPLICATION NUMBER: US/09/289,198  
; EARLIER FILING DATE: 1999-04-09  
; EARLIER APPLICATION NUMBER: US 09/062,451  
; EARLIER FILING DATE: 1998-04-17  
; EARLIER APPLICATION NUMBER: US 08/991,789  
; EARLIER FILING DATE: 1997-12-11  
; EARLIER APPLICATION NUMBER: US 08/838,762  
; EARLIER FILING DATE: 1997-04-09  
; EARLIER APPLICATION NUMBER: PCT/US97/00485  
; EARLIER FILING DATE: 1997-01-10  
; EARLIER APPLICATION NUMBER: US 08/700,014  
; EARLIER FILING DATE: 1996-08-20  
; EARLIER APPLICATION NUMBER: US 08/585,392  
; EARLIER FILING DATE: 1996-01-01  
; NUMBER OF SEQ ID NOS: 312  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 128  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer for amplification from breast tumor cDNA  
US-09-289-198-128

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1713 CTGCCTGAGCCA 1724  
Db 1 CTGCCTGAGCCA 12

RESULT 1599  
US-09-429-755-128  
; Sequence 128, Application US/09429755A  
; Patent No. 6656480  
; GENERAL INFORMATION:  
; APPLICANT: Frudakis, Tony N.  
; APPLICANT: Smith, John M.  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Mishner, Lynda  
; APPLICANT: Retter, Marc W.  
; APPLICANT: Dillon, David C.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
; TREATMENT AND DIAGNOSIS OF BREAST CANCER  
; FILE REFERENCE: 210121.419C5  
; CURRENT APPLICATION NUMBER: US/09/429,755A  
; CURRENT FILING DATE: 1999-10-28  
; NUMBER OF SEQ ID NOS: 315  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 128  
; LENGTH: 18  
; TYPE: DNA  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Primer for amplification from breast tumor cDNA  
US-09-429-755-128

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1713 CTGCCTGAGCCA 1724  
Db 1 CTGCCTGAGCCA 12

RESULT 1600  
US-09-850-351A-110  
; Sequence 110, Application US/09850351A  
; Patent No. 6656908  
; GENERAL INFORMATION:  
; APPLICANT: Feitelson, Gerald S.  
; APPLICANT: Schnepf, H. Ernest  
; APPLICANT: Narva, Kenneth E.  
; APPLICANT: Stockhoff, Brian A.  
; APPLICANT: Schmeits, James  
; APPLICANT: Loewer, David  
; APPLICANT: Dullum, Charles Joseph  
; APPLICANT: Muller-Cohn, Judy  
; APPLICANT: Stamp, Lisa  
; APPLICANT: Morrill, George  
; TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide  
; Sequences Which Encode These Toxins  
; NUMBER OF SEQUENCES: 144  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
; STREET: 2421 N.W. 41st Street, Suite A-1  
; CITY: Gainesville  
; STATE: FL  
; COUNTRY: US  
; ZIP: 32606-6669  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION NUMBER: US/09/850,351A  
; FILING DATE: 07-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 09/073,898  
; FILING DATE: 06-MAY-1998  
; APPLICATION NUMBER: US 08/960,780  
; FILING DATE: 30-OCT-1997  
; APPLICATION NUMBER: US 60/029,848  
; FILING DATE: 30-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sanders, Jay M.  
; REGISTRATION NUMBER: 39,355  
; REFERENCE/DOCKET NUMBER: MA-708CD1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 352-375-8100  
; TELEFAX: 352-372-5800  
; INFORMATION FOR SEQ ID NO: 110:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 110:  
US-09-850-351A-110

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 66.7%; Pred. No. 7.9e+02;  
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

; OTHER INFORMATION: Primer for amplification from breast tumor cDNA  
US-09-429-755-128

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 100.0%; Pred. No. 7.9e+02;  
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1713 CTGCCTGAGCCA 1724  
Db 1 CTGCCTGAGCCA 12

RESULT 1600  
US-09-850-351A-110  
; Sequence 110, Application US/09850351A  
; Patent No. 6656908  
; GENERAL INFORMATION:  
; APPLICANT: Feitelson, Gerald S.  
; APPLICANT: Schnepf, H. Ernest  
; APPLICANT: Narva, Kenneth E.  
; APPLICANT: Stockhoff, Brian A.  
; APPLICANT: Schmeits, James  
; APPLICANT: Loewer, David  
; APPLICANT: Dullum, Charles Joseph  
; APPLICANT: Muller-Cohn, Judy  
; APPLICANT: Stamp, Lisa  
; APPLICANT: Morrill, George  
; TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide  
; Sequences Which Encode These Toxins  
; NUMBER OF SEQUENCES: 144  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
; STREET: 2421 N.W. 41st Street, Suite A-1  
; CITY: Gainesville  
; STATE: FL  
; COUNTRY: US  
; ZIP: 32606-6669  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION NUMBER: US/09/850,351A  
; FILING DATE: 07-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 09/073,898  
; FILING DATE: 06-MAY-1998  
; APPLICATION NUMBER: US 08/960,780  
; FILING DATE: 30-OCT-1997  
; APPLICATION NUMBER: US 60/029,848  
; FILING DATE: 30-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sanders, Jay M.  
; REGISTRATION NUMBER: 39,355  
; REFERENCE/DOCKET NUMBER: MA-708CD1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 352-375-8100  
; TELEFAX: 352-372-5800  
; INFORMATION FOR SEQ ID NO: 110:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 110:  
US-09-850-351A-110

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 66.7%; Pred. No. 7.9e+02;  
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 751 CGGGAAGTGTCCCTGCTC 768  
| | | | | : | | | | |  
Db 1 CTGGAARYGTSACGGCTC 18

RESULT 1601  
US-09-850-351A-134/c  
; Sequence 134, Application US/09850351A  
; Patent No. 6656908  
; GENERAL INFORMATION:  
; APPLICANT: Feitelson, Gerald S.  
; Schnepf, H. Ernest  
; Narva, Kenneth E.  
; Stockhoff, Brian A.  
; Schmeits, James  
; Dullum, Charles Joseph  
; Muller-Cohn, Judy  
; Stamp, Lisa  
; Morrill, George  
; TITLE OF INVENTION: No. 6656908el Pesticidal Toxins and Nucleotide  
; Sequences Which Encode These Toxins  
; NUMBER OF SEQUENCES: 144  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik  
; STREET: 2421 N.W. 41st Street, Suite A-1  
; CITY: Gainesville  
; STATE: FL  
; COUNTRY: US  
; ZIP: 32606-6669  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/850,351A  
; FILING DATE: 07-May-2001  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 09/073,898  
; FILING DATE: 06-May-1998  
; APPLICATION NUMBER: US 08/960,780  
; FILING DATE: 30-OCT-1997  
; APPLICATION NUMBER: US 60/029,848  
; FILING DATE: 30-OCT-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sanders, Jay M.  
; REGISTRATION NUMBER: 39,355  
; REFERENCE/DOCKET NUMBER: MA-708CD1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 352-375-8100  
; TELEFAX: 352-372-5800  
; INFORMATION FOR SEQ ID NO: 134:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 18 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA (genomic)  
; SEQUENCE DESCRIPTION: SEQ ID NO: 134:  
US-09-850-351A-134

Query Match 0.7%; Score 12; DB 1; Length 18;  
Best Local Similarity 66.7%; Pred. No. 7.9e-02;  
Matches 12; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 751 CGGGAAGTGTCCCTGCTC 768  
| | | | | : | | | | |  
Db 18 CTGGAARYGTSACGGCTC 1

RESULT 1602  
US-08-875-573-10  
; Sequence 10, Application US/08875573  
; Patent No. 6150132  
; GENERAL INFORMATION:  
; APPLICANT: Wells, Timothy N.C.  
; Applicant: Wells, Christine A.  
; TITLE OF INVENTION: A CHEMOKINE RECEPTOR ABLE TO BIND TO  
; NUMBER OF SEQUENCES: 20  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NIXON & VANDERHUYE P.C.  
; STREET: 1100 No. 6150132th Glebe Rd. 8th floor  
; CITY: Arlington  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22201-4741  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/875,573  
; FILING DATE: 31-OCT-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/GB96/00143  
; FILING DATE: 24-JAN-1996  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: GB 9501683.8  
; FILING DATE: 27-JAN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Wilson, Mary J.  
; REGISTRATION NUMBER: 32,955  
; REFERENCE/DOCKET NUMBER: 1430-172  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-816-4100  
; TELEFAX: 703-816-4100  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 21 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: other nucleic acid  
; DESCRIPTION: /desc = "primer"  
; ANTI-SENSE: YES  
US-08-875-573-10

Query Match 0.7%; Score 12; DB 1; Length 21;  
Best Local Similarity 75.0%; Pred. No. 9.8e+02;  
Matches 15; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1224 GGAGGACAGCTACACTTCA 1243  
| | | | | : | | | | |  
Db 1 GCTTGACGAGGTACACATCA 20

RESULT 1603  
US-08-719-593-6/c  
; Sequence 6, Application US/08719593  
; Patent No. 5741706  
; GENERAL INFORMATION:  
; APPLICANT: Leavitt, Markley Carl  
; Applicant: Duarte, Elizabeth  
; APPLICANT: Tritz, Richard  
; APPLICANT: Barber, Jack R.  
; APPLICANT: Yu, Mang  
; TITLE OF INVENTION: No. 5741706el Anti-HIV Ribozymes  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/719,593  
FILING DATE: No. 5741706 yet assigned  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Weber, Kenneth A.  
REGISTRATION NUMBER: 31,677  
REFERENCE/DOCKET NUMBER: 016556-000810US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 16 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: RNA (genomic)  
FEATURE:  
NAME/KEY: -  
LOCATION: 1..16  
OTHER INFORMATION: /note= "HIV target sequence for pol-2  
US-08-719-593-6  
OTHER INFORMATION: ribozyme 3308 target site"  
Query Match 0.7%; Score 11.8; DB 1; Length 16;  
Best Local Similarity 86.7%; Pred. No. 7.3e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
US-08-719-593-6  
QY 155 TGTCATGACACATCC 169  
DB 15 TGTCATGACATGCC 1  
RESULT 1604  
US-584-040-4222/c  
Sequence 4222, Application US/08584040  
Patent No. 6346398  
GENERAL INFORMATION:  
APPLICANT: Pavco, Pamela  
APPLICANT: McSwiggen, James  
APPLICANT: Stinchcomb, Dan T.  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: METHOD AND REAGENT FOR THE  
TREATMENT OF DISEASES OR  
CONDITIONS RELATED TO LEVELS  
OF VASCULAR ENDOTHELIAL  
GROWTH FACTOR  
NUMBER OF SEQUENCES: 8502  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Lyon & Lyon  
STREET: 633 West Fifth Street  
CITY: Suite 4700  
CITY: Los Angeles  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 90071-2066  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
MEDIUM TYPE: storage  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: IBM P.C. DOS 5.0  
SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/584,040  
FILING DATE: January 11, 1996  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 60/005,974  
FILING DATE: October 26, 1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Warburg, Richard J.  
REGISTRATION NUMBER: 32,327  
REFERENCE/DOCKET NUMBER: 218/064  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 489-1600  
TELEFAX: (213) 955-0440  
TELEX: 67-3510  
INFORMATION FOR SEQ ID NO: 4222:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 17 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-584-040-4222  
Query Match 0.7%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1046 CCGAGGCCAAGTCAA 1060  
DB 17 CCGGGCCCAAGCCAA 3  
RESULT 1605  
US-09-371-772B-1989/c  
Sequence 1989, Application US/09371772B  
Patent No. 6566127  
GENERAL INFORMATION:  
APPLICANT: Ribozyme Pharmaceuticals, Inc.  
APPLICANT: Pavco, Pam  
APPLICANT: McSwiggen, Jim  
APPLICANT: Stinchcomb, Dan  
APPLICANT: Escobedo, Jaime  
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions  
RELATED TO LEVELS OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR  
FILE REFERENCE: MEH00, 876-J (237/198)  
CURRENT APPLICATION NUMBER: US/09/371,772B  
CURRENT FILING DATE: 1999-08-10  
PRIOR APPLICATION NUMBER: US 60/005,974  
PRIOR FILING DATE: 1995-10-26  
PRIOR APPLICATION NUMBER: US 08/584,040  
PRIOR FILING DATE: 1996-01-08  
NUMBER OF SEQ ID NOS: 14225  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 1989  
LENGTH: 17  
TYPE: RNA  
ORGANISM: Homo sapiens  
US-09-371-772B-1989  
Query Match 0.7%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 8e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
QY 1046 CCGAGGCCAAGTCAA 1060  
DB 17 CCGGGCCCAAGCCAA 3  
RESULT 1606  
US-09-235-538-5  
Sequence 5, Application US/09235538  
Patent No. 6395479  
GENERAL INFORMATION:

APPLICANT: Reichardt, Juergen, K.V., Ph.D.  
APPLICANT: Gerhardt, Coetzee, A., Ph.D.  
APPLICANT: Henderson, Brian E., M.D.  
APPLICANT: Makridakis, Nick  
APPLICANT: Ross, Ronald, M.D.  
APPLICANT: University of Southern California  
TITLE OF INVENTION: ANDROGEN-METABOLIC GENE MUTATIONS AND  
FILE REFERENCE: 13761-706US1  
CURRENT FILING DATE: 1999-01-22  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: US 60/072,225  
PRIOR FILING DATE: 1999-01-20  
PRIOR APPLICATION NUMBER: PCT/US99/01165  
NUMBER OF SEQ ID NOS: 7  
SOFTWARE: FASTSEQ for Windows Version 4.0  
SEQ ID NO 5  
LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-235-538-5

Query Match 0.7%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 8e+02; 2; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 277 GCTCTCTGGGGAAGCTT 291  
|||||  
DB 2 GCTCTCTGGGGAAGCTT 16

RESULT 1607  
US-09-866-108A-8498  
; Sequence 8498, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8498

LENGTH: 17  
TYPE: DNA  
ORGANISM: Homo sapiens  
US-09-866-108A-8498

Query Match 0.7%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 8e+02; 2; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1221 GGTGGAGGAACAGCT 1235  
|||||  
DB 3 GGTGGATGAGCAGCT 17

RESULT 1608  
US-09-866-108A-8724/c  
; Sequence 8724, Application US/09866108A  
; Patent No. 6686188  
; GENERAL INFORMATION:  
; APPLICANT: GU, Yizhong  
; APPLICANT: JI, Yonggang  
; APPLICANT: PENN, Sharron G.  
; APPLICANT: HANZEL, David K.  
; APPLICANT: RANK, David R.  
; APPLICANT: CHEN, Wensheng  
; APPLICANT: SHANNON, Mark  
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE  
; FILE REFERENCE: AEOMICA-7  
; CURRENT APPLICATION NUMBER: US/09/866,108A  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 60/207,456  
; PRIOR FILING DATE: 2000-05-26  
; PRIOR APPLICATION NUMBER: GB 24263.6  
; PRIOR FILING DATE: 2000-10-04  
; PRIOR APPLICATION NUMBER: US 60/236,359  
; PRIOR FILING DATE: 2000-09-27  
; PRIOR APPLICATION NUMBER: PCT/US01/00666  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00667  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00664  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00669  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00665  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00668  
; PRIOR FILING DATE: 2001-01-30  
; PRIOR APPLICATION NUMBER: PCT/US01/00663  
; PRIOR FILING DATE: 2001-01-30  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 15755  
; SOFTWARE: Aeomica Sequence Listing Engine  
; Patent No. 6686188  
; SEQ ID NO 8724  
; LENGTH: 17  
; TYPE: DNA  
; ORGANISM: Homo sapiens  
US-09-866-108A-8724

Query Match 0.7%; Score 11.8; DB 1; Length 17;  
Best Local Similarity 86.7%; Pred. No. 8e+02; 2; Indels 0; Gaps 0;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 922 CTGTTCCAGCTGCTC 936  
|||||  
DB 17 CTGTTCCAGGTACTC 3

RESULT 1609  
US-09-256-496-9  
; Sequence 9, Application US/09256496  
; Patent No. 5998205

GENERAL INFORMATION:  
APPLICANT: Lex M. Cowsett  
TITLE OF INVENTION: ANTISENSE MODULATION OF G-APLHA-12 EXPRESSION  
FILE REFERENCE: RTS-0056  
CURRENT APPLICATION NUMBER: US/09/256,496  
CURRENT FILING DATE: 1999-02-23  
NUMBER OF SEQ ID NOS: 86  
SEQ ID NO 9  
LENGTH: 18  
TYPE: DNA  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Antisense Oligonucleotide  
US-09-256-496-9

Query Match 0.7%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 8.7e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1637 GGCAGCGGCTGGAGG 1651  
Db 1 GGCAGCGGCTGGAGG 15

RESULT 1610  
US-08-485-721-20/c  
Sequence 20, Application US/08485721  
Patent No. 5821124  
GENERAL INFORMATION:  
APPLICANT: Regeneron Pharmaceuticals, Inc. and  
APPLICANT: Regents of the University of California  
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
STREET: 777 Old Saw Mill River Road  
CITY: Tarrytown  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10591  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/485,721  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/392,935  
FILING DATE: 02-SEP-1993  
APPLICATION NUMBER: PCT/US93/08326  
FILING DATE: 02-SEP-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Kempler Ph.D., Gail M.  
REGISTRATION NUMBER: 32,143  
REFERENCE/DOCKET NUMBER: Reg 132  
TELEPHONE: 914-347-7000  
TELEFAX: 914-347-2113  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA  
US-08-485-721-20

Query Match 0.7%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 8.7e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
Qy 910 GTGAAGCTGTTCTCG 924  
Db 16 GTGTAAGTGTCTCG 2

RESULT 1611  
US-08-392-935-20/c  
Sequence 20, Application US/08392935  
Patent No. 5843775  
GENERAL INFORMATION:  
APPLICANT: Regeneron Pharmaceuticals, Inc. and  
APPLICANT: Regents of the University of California  
TITLE OF INVENTION: Dorsal Tissue Affecting Factor and  
NUMBER OF SEQUENCES: 24  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Regeneron Pharmaceuticals, Inc.  
STREET: 777 Old Saw Mill River Road  
CITY: Tarrytown  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10591  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/392,935  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/08326  
FILING DATE: 02-SEP-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Kempler Ph.D., Gail M.  
REGISTRATION NUMBER: 32,143  
REFERENCE/DOCKET NUMBER: Reg 132  
TELEPHONE: 914-347-7000  
TELEFAX: 914-347-2113  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 18 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: unknown  
TOPOLOGY: unknown  
MOLECULE TYPE: DNA  
US-08-392-935-20

Query Match 0.7%; Score 11.8; DB 1; Length 18;  
Best Local Similarity 86.7%; Pred. No. 8.7e+02;  
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 910 GTGAAGCTGTTCTCG 924  
Db 16 GTGTAAGTGTCTCG 2

RESULT 1612  
US-08-897-236-20/c  
Sequence 20, Application US/08897236A  
Patent No. 6075007  
GENERAL INFORMATION:  
APPLICANT: Regeneron Pharmaceuticals, Inc.  
TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition  
FILE REFERENCE: REG 133  
CURRENT APPLICATION NUMBER: US/08/897,236A  
CURRENT FILING DATE: 1997-07-17  
NUMBER OF SEQ ID NOS: 23  
SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 20  
LENGTH: 18  
TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide

3-08-897-236-20

Query Match 0.7%; Score 11.8; DB 1; Length 18;

Best Local Similarity 86.7%; Pred. NO. 8.7e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

910 GTGAAACTGTTCTCTG 924

16 GTGTAAGTGTCTCTG 2

RESULT 1613

3-09-167-874-20/c

Sequence 20, Application US/09167874

Patent No. 6277593

GENERAL INFORMATION:

APPLICANT: Valenzuela et al.

TITLE OF INVENTION: DORSAL TISSUE AFFECTING FACTOR AND COMPOSITIONS

FILE REFERENCE: REG132-B

CURRENT APPLICATION NUMBER: US/09/167,874

EARLIER FILING DATE: 1998-10-07

EARLIER APPLICATION NUMBER: 08/485,721

EARLIER FILING DATE: 1995-07-06

EARLIER APPLICATION NUMBER: 08/392,935

EARLIER FILING DATE: 1995-09-22

EARLIER APPLICATION NUMBER: PCT/US93/08326

EARLIER FILING DATE: 1993-09-02

EARLIER APPLICATION NUMBER: 07/957,401

EARLIER FILING DATE: 1992-10-06

EARLIER APPLICATION NUMBER: 07/950,410

EARLIER FILING DATE: 1992-09-23

EARLIER APPLICATION NUMBER: 07/939,954

EARLIER FILING DATE: 1992-09-03

NUMBER OF SEQ ID NOS: 22

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 20

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide

S-09-167-874-20

Query Match 0.7%; Score 11.8; DB 1; Length 18;

Best Local Similarity 86.7%; Pred. NO. 8.7e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

910 GTGAAACTGTTCTCTG 924

16 GTGTAAGTGTCTCTG 2

RESULT 1614

S-09-500-253B-20/c

Sequence 20, Application US/09500253B

Patent No. 6500640

GENERAL INFORMATION:

APPLICANT: Regeneron Pharmaceuticals, Inc.

TITLE OF INVENTION: Modified Dorsal Tissue Affecting Factor and Composition

FILE REFERENCE: REG 133-Z

CURRENT APPLICATION NUMBER: US/09/500,253B

CURRENT FILING DATE: 2000-02-08

NUMBER OF SEQ ID NOS: 27

SOFTWARE: PatentIn version 3.0

SEQ ID NO 20

LENGTH: 18

TYPE: DNA

ORGANISM: Mouse

US-09-500-253B-20

Query Match 0.7%; Score 11.8; DB 1; Length 18;

Best Local Similarity 86.7%; Pred. NO. 8.7e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

910 GTGAAACTGTTCTCTG 924

16 GTGTAAGTGTCTCTG 2

RESULT 1615

PCT-US93-08326-20/c

Sequence 20, Application PC/TUS9308326

GENERAL INFORMATION:

APPLICANT: Valenzuela, et al.

TITLE OF INVENTION: Dorsal Tissue Affecting Factor and

COMPOSITIONS

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSEE: Regeneron Pharmaceuticals, Inc.

STREET: 777 Old Saw Mill River Road

CITY: Tarrytown

STATE: New York

COUNTRY: U.S.A.

ZIP: 10591

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US93/08326

FILING DATE: 02-SEP-1993

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: Kempler Ph.D., Gail M.

REGISTRATION NUMBER: 32,143

REFERENCE/DOCKET NUMBER: Reg 132

TELEPHONE: 914-347-7000

TELEFAX: 914-347-2113

INFORMATION FOR SEQ ID NO: 20:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: DNA

PCT-US93-08326-20

Query Match 0.7%; Score 11.8; DB 1; Length 18;

Best Local Similarity 86.7%; Pred. NO. 8.7e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

910 GTGAAACTGTTCTCTG 924

16 GTGTAAGTGTCTCTG 2

Search completed: May 3, 2004, 10:26:03

Job time : 39 secs